



Cable Glands & Accessories

For Hazardous
Applications



Who we are?

Raychem RPG (P) Ltd., incorporated in 1989, is a 50:50 joint Venture between TE Connectivity, U.S.A. (formerly Tyco Electronics) and RPG Enterprises, India.

TE Connectivity is a US\$14 Billion global provider for solutions in Network, Transportation, Consumers and Industrial for over 50 years.

RPG Enterprises, an establishment of over 30 years, is one of India's fastest growing business groups with turnover of US\$ 4 Billion. The group has more than fifteen companies managing diverse business interests in the areas of Automotive Tyres, Infrastructure, IT and Specialty including Pharmaceuticals, Power Ancillaries & Plantations.



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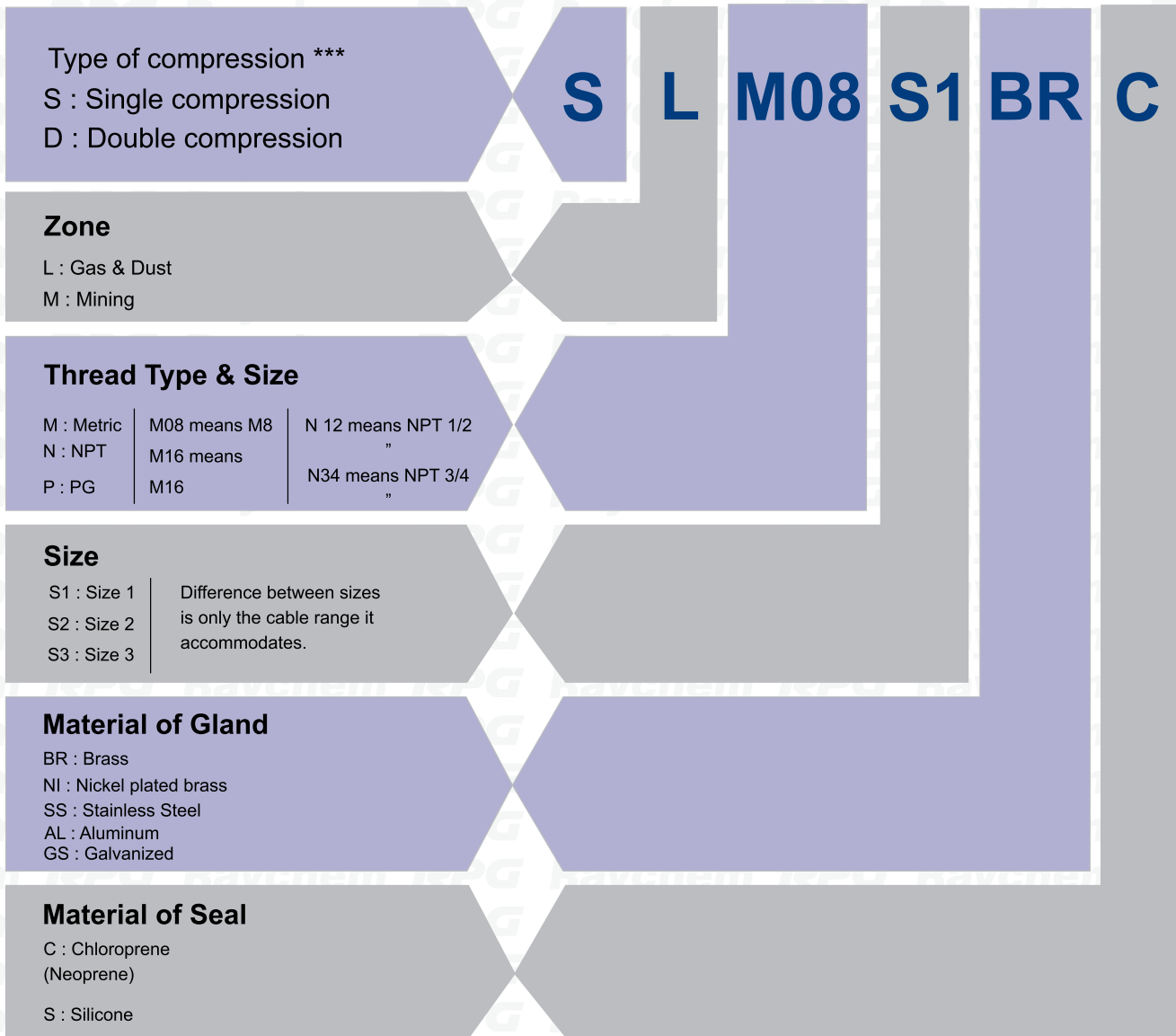
INFORMATION ON EX

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NOMENCLATURE FOR ATEX CABLE GLANDS



*** Single compression (S) : Our RA2 glands are Single compression (for cable without armour)



*** Double compression (D) : Our E1RW glands are Double compression (for armoured cables)

DOUBLE COMPRESSION CABLE GLAND

Raychem **RPG**

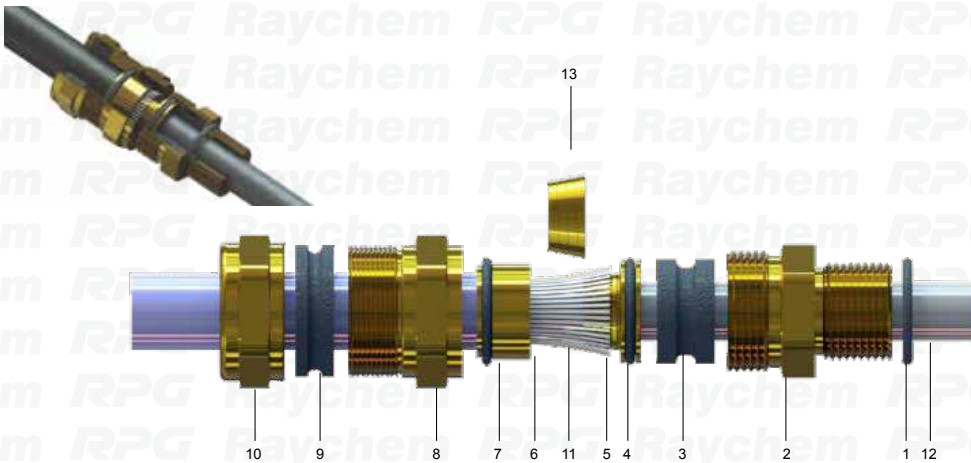
FOR ARMoured CABLES (BRAIDED / TAPE)

E1RU - SERIES

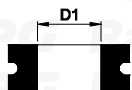
| Approved by | CESI S.p.A | | CESI S.p.A | |
|--------------------------------|--|--|--------------------|--|
| Examination Certificate Number | CESI 15 ATEX 058X | | IECEX CES 15.0020X | |
| Safety Requirements | EN 60079-0 | | IEC 60079-0 | |
| | EN 60079-1 | | IEC 60079-1 | |
| | EN 60079-31 | | IEC 60079-31 | |
| | EN 60079-7 | | IEC 60079-7 | |
| Equipment Marking |  II 2 GD Ex d IIC Gb Ex e IIC Gb Ex tb IIIC Db IP 66/68 |  II 2 GD Ex d IIC Gb Ex e IIC Gb Ex tb IIIC Db IP 66/68 | | |

Technical information :

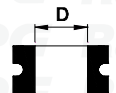
| | | |
|--------------------------------|---|---------------------------------|
| Equipment | Gas Group Zone 1 / Zone 2 | Dust Group Zone 21 / Zone 22 |
| Suitable for use | Group II Gas Group IIC | Group III Dust Group IIIC |
| For | Gas & Dust potentially explosive atmospheres | |
| Level of Ingress Protection | IP 66 / 68 | |
| Marking - Group II / Group III | II2GD / Ex d IIC Gb / Ex e IIC Gb / Ex tb IIIC Db | |
| Certificate numbers | CESI 15 ATEX 058X / IECEX CES 15.0020X | |
| Cable Type | SWA - SWB - STA - PWA - AWA - Shielded | |
| Seal Operating Temperature | Chloroprene (Neoprene) -40°C +100°C | Silicon -60°C +130°C |
| Material | Brass, Stainless steel, Nickel plated Brass, Galvanized steel, Aluminium | |
| Thread type | Metric (M) ISO Pitch 1.5 / NPT (N) ANSI ASME B1.20.1 Other thread type also available upon request | |



(Diagram - 1 - a)

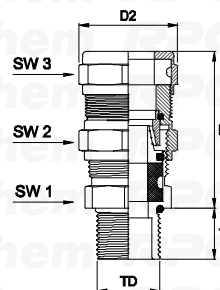


Upper Seal Cable
Outer Diameters



Lower Seal Cable
Inner Diameters

(Diagram - 1 - b)



(Diagram - 1 - c)

| Item | Description |
|------|---------------------|
| 1 | O-ring BIS |
| 2 | Cone body |
| 3 | Displacement washer |
| 4 | O-ring DC |
| 5 | Detachable cone |
| 6 | Retainer ring |
| 7 | O-ring SR |
| 8 | Main body |
| 9 | Compression washer |
| 10 | Entry nut |
| 11 | Armour |
| 12 | Armour cable |
| 13 | Armour reducer |

E1RU - METRIC

| Thread Type (TD) | E1RU Cable Gland Code | Clamping Range (mm) Ø min-max (Dig) | | Cable Gland Dimensions (Dig. - 1-c) | | | | | | Armor Wire Ø (mm) | Shield Wire Ø min-max mm |
|---------------------|-----------------------|--|-------------|-------------------------------------|---------|-----------|----------|----------|-------------|----------------------|-----------------------------|
| | | D (mm) | D1 (mm) | H (mm) | TL (mm) | SW 1 (mm) | SW2 (mm) | SW3 (mm) | D2 min (mm) | | |
| M12x1,5 | ULM12S1BRC | 3,0 - 7,5 | 6,0 - 12,0 | 48,5 | 15 | 22 | 26 | 26 | 29 | 0,70 - 1,20 | 0,2 - 0,5 |
| M16x1,5 | ULM16S1BRC | 3,0 - 8,5 | 6,0 - 12,0 | 49,5 | 16,0 | 22 | 26 | 26 | 29,0 | 0,70 - 1,20 | 0,2 - 0,5 |
| M16x1,5 | ULM16S2BRC | 6,0 - 12,0 | 8,5 - 16,0 | 52,0 | 16,0 | 25 | 29 | 29 | 31,5 | 0,70 - 1,25 | 0,2 - 0,5 |
| M20x1,5 | ULM20S1BRC | 3,0 - 8,5 | 6,0 - 12,0 | 50,0 | 16,0 | 24 | 26 | 26 | 29,0 | 0,70 - 1,20 | 0,2 - 0,5 |
| M20x1,5 | ULM20S2BRC | 6,0 - 12,0 | 8,5 - 16,0 | 51,5 | 16,0 | 25 | 29 | 29 | 31,5 | 0,70 - 1,25 | 0,2 - 0,5 |
| M20x1,5 | ULM20S3BRC | 8,5 - 14,5 | 12,0 - 20,0 | 54,0 | 16,0 | 28 | 30 | 32 | 35,0 | 0,90 - 1,30 | 0,2 - 0,5 |
| M25x1,5 | ULM25X1BRC | 3,0 - 8,5 | 6,0 - 12,0 | 50,0 | 18,0 | 29 | 26 | 26 | 31,5 | 0,70 - 1,20 | 0,2 - 0,5 |
| M25x1,5 | ULM25S1BRC | 6,0 - 12,0 | 8,5 - 16,0 | 52,5 | 18,0 | 29 | 29 | 29 | 31,5 | 0,70 - 1,25 | 0,2 - 0,5 |
| M25x1,5 | ULM25S2BRC | 8,5 - 16,0 | 12,0 - 21,0 | 56,5 | 18,0 | 32 | 34 | 34 | 37,0 | 0,70 - 1,20 | 0,2 - 0,5 |
| M25x1,5 | ULM25S3BRC | 12,0 - 20,0 | 16,0 - 26,0 | 63,0 | 18,0 | 36 | 40 | 40 | 44,0 | 1,30 - 1,70 | 0,5 - 0,7 |
| M32x1,5 | ULM32X1BRC | 6,0 - 12,0 | 8,5 - 16,0 | 52,5 | 18,0 | 36 | 29 | 29 | 39,8 | 0,70 - 1,25 | 0,2 - 0,5 |
| M32x1,5 | ULM32S1BRC | 12,0 - 20,0 | 16,0 - 26,0 | 64,0 | 18,0 | 40 | 40 | 40 | 44,0 | 1,30 - 1,70 | 0,2 - 0,5 |
| M32x1,5 | ULM32S2BRC | 15,0 - 26,0 | 20,0 - 33,0 | 81,0 | 18,0 | 48 | 52 | 52 | 57,0 | 1,20 - 1,80 | 0,2 - 0,5 |
| M40x1,5 | ULM40X1BRC | 12,0 - 20,0 | 16,0 - 26,0 | 64,0 | 18,0 | 45 | 40 | 40 | 50,0 | 1,30 - 1,70 | 0,2 - 0,8 |
| M40x1,5 | ULM40S1BRC | 15,0 - 26,0 | 20,0 - 33,0 | 81,0 | 18,0 | 48 | 52 | 52 | 57,0 | 1,20 - 1,80 | 0,2 - 0,5 |
| M40x1,5 | ULM40S2BRC | 20,0 - 32,0 | 29,0 - 41,0 | 92,0 | 18,0 | 55 | 60 | 60 | 66,0 | 1,60 - 2,20 | 0,2 - 0,8 |
| M50x1,5 | ULM50X1BRC | 15,0 - 26,0 | 20,0 - 33,0 | 81,0 | 18,0 | 54 | 52 | 52 | 60,0 | 1,20 - 1,80 | 0,2 - 0,8 |
| M50x1,5 | ULM50X2BRC | 20,0 - 32,0 | 29,0 - 41,0 | 92,0 | 18,0 | 55 | 60 | 60 | 66,0 | 1,60 - 2,20 | 0,2 - 0,8 |
| M50x1,5 | ULM50S1BRC | 22,0 - 35,0 | 33,0 - 48,0 | 100,0 | 18,0 | 60 | 70 | 75 | 83,0 | 2,00 - 2,80 | 0,2 - 0,8 |
| M50x1,5 | ULM50S2BRC | 27,0 - 41,0 | 36,0 - 52,0 | 104,5 | 18,0 | 70 | 70 | 74 | 81,8 | 1,80 - 2,80 | 0,2 - 1,0 |
| M63x1,5 | ULM63X1BRC | 22,0 - 35,0 | 33,0 - 48,0 | 100,0 | 20,0 | 68 | 70 | 75 | 83,0 | 2,00 - 2,80 | 0,3 - 1,4 |
| M63x1,5 | ULM63X2BRC | 27,0 - 41,0 | 36,0 - 52,0 | 104,5 | 20,0 | 70 | 70 | 74 | 81,8 | 1,80 - 2,80 | 0,2 - 1,0 |
| M63x1,5 | ULM63S1BRC | 35,0 - 45,0 | 43,0 - 57,0 | 109,5 | 20,0 | 75 | 80 | 80 | 89,5 | 1,80 - 2,80 | 0,3 - 1,4 |
| M63x1,5 | ULM63S2BRC | 40,0 - 52,0 | 47,0 - 60,0 | 111,5 | 20,0 | 85 | 85 | 85 | 94,0 | 1,80 - 2,80 | 0,3 - 1,0 |
| M75x1,5 | ULM75X1BRC | 35,0 - 45,0 | 43,0 - 57,0 | 109,5 | 20,0 | 85 | 80 | 80 | 94,0 | 1,80 - 2,80 | 0,6 - 1,5 |
| M75x1,5 | ULM75S1BRC | 40,0 - 52,0 | 47,0 - 60,0 | 111,5 | 20,0 | 85 | 85 | 85 | 94,0 | 1,80 - 2,80 | 0,3 - 1,0 |
| M75x1,5 | ULM75S2BRC | 45,0 - 60,0 | 54,0 - 70,0 | 127,5 | 20,0 | 90 | 95 | 100 | 110,5 | 1,00 - 2,30 | 0,6 - 1,5 |
| M90x1,5 | ULM90X1BRC | 40,0 - 52,0 | 47,0 - 60,0 | 111,5 | 20,0 | 100 | 85 | 85 | 110,5 | 1,80 - 2,80 | 0,2 - 1,2 |
| M90x1,5 | ULM90S1BRC | 45,0 - 60,0 | 54,0 - 70,0 | 127,5 | 20,0 | 95 | 95 | 100 | 110,5 | 1,00 - 2,30 | 0,6 - 1,5 |
| M90x1,5 | ULM90S2BRC | 60,0 - 72,0 | 63,0 - 80,0 | 158,0 | 20,0 | 110 | 115 | 115 | 127,0 | 1,00 - 3,50 | 0,2 - 1,2 |
| M110x1,5 | ULM1101BRC | 45,0 - 60,0 | 54,0 - 70,0 | 127,5 | 20,0 | 120 | 95 | 100 | 128,0 | 1,00 - 2,30 | 0,2 - 1,9 |
| M110x1,5 | ULM1102BRC | 60,0 - 72,0 | 63,0 - 80,0 | 158,0 | 20,0 | 120 | 115 | 115 | 128,0 | 1,00 - 3,50 | 0,2 - 1,2 |



E1RU - NPT

| Thread Type (TD) | E1RU Cable Gland Code | Clamping Range (mm) Ø min-max (Dig) | | Cable Gland Dimensions (Dig. - 1-c) | | | | | | Armor Wire Ø (mm) | Shield Wire Ø min-max mm |
|------------------|-----------------------|--|-------------|-------------------------------------|-------------|-----------|----------|----------|-------------|----------------------|-----------------------------|
| | | D (mm) | D1 (mm) | H min (mm) | TL min (mm) | SW 1 (mm) | SW2 (mm) | SW3 (mm) | D2 min (mm) | | |
| NPT 1/4" | ULN14S1BRC | 3,0 - 8,0 | 6,0 - 12,0 | 48,0 | 16,0 | 22 | 26 | 26 | 29,0 | 0,70 - 1,20 | 0,2 - 0,5 |
| NPT 3/8" | ULN38S1BRC | 3,0 - 8,5 | 6,0 - 12,0 | 49,5 | 16,0 | 22 | 26 | 26 | 29,0 | 0,70 - 1,20 | 0,2 - 0,5 |
| NPT 3/8" | ULN38S2BRC | 6,0 - 12,0 | 8,5 - 16,0 | 52,0 | 16,0 | 25 | 29 | 29 | 31,5 | 0,70 - 1,25 | 0,2 - 0,5 |
| NPT 1/2" | ULN12S1BRC | 3,0 - 8,5 | 6,0 - 12,0 | 49,5 | 16,0 | 24 | 26 | 26 | 29,0 | 0,70 - 1,20 | 0,2 - 0,5 |
| NPT 1/2" | ULN12S2BRC | 6,0 - 12,0 | 8,5 - 16,0 | 51,0 | 16,0 | 25 | 29 | 29 | 31,5 | 0,70 - 1,25 | 0,2 - 0,5 |
| NPT 1/2" | ULN12S3BRC | 8,5 - 14,5 | 12,0 - 20,0 | 54,0 | 16,0 | 28 | 30 | 32 | 35,0 | 0,90 - 1,30 | 0,2 - 0,5 |
| NPT 3/4" | ULN34X1BRC | 3,0 - 8,5 | 6,0 - 12,0 | 50,0 | 16,0 | 29 | 26 | 26 | 31,5 | 0,70 - 1,20 | 0,2 - 0,5 |
| NPT 3/4" | ULN34S1BRC | 6,0 - 12,0 | 8,5 - 16,0 | 52,5 | 18,0 | 29 | 29 | 29 | 31,5 | 0,70 - 1,25 | 0,2 - 0,5 |
| NPT 3/4" | ULN34S2BRC | 8,5 - 16,0 | 12,0 - 21,0 | 56,5 | 16,0 | 32 | 34 | 34 | 37,0 | 0,70 - 1,20 | 0,2 - 0,5 |
| NPT 3/4" | ULN34S3BRC | 12,0 - 20,0 | 16,0 - 26,0 | 62,5 | 16,0 | 36 | 40 | 40 | 44,0 | 1,30 - 1,70 | 0,5 - 0,7 |
| NPT 1" | ULN01X1BRC | 6,0 - 12,0 | 8,5 - 16,0 | 52,5 | 21,0 | 36 | 29 | 29 | 39,8 | 0,70 - 1,25 | 0,2 - 0,5 |
| NPT 1" | ULN01S1BRC | 12,0 - 20,0 | 16,0 - 26,0 | 64,0 | 21,0 | 40 | 40 | 40 | 44,0 | 1,30 - 1,70 | 0,2 - 0,5 |
| NPT 1" | ULN01S2BRC | 15,0 - 26,0 | 20,0 - 33,0 | 80,5 | 21,0 | 48 | 52 | 52 | 57,0 | 1,20 - 1,80 | 0,2 - 0,5 |
| NPT 1 1/4" | ULN110X1BRC | 12,0 - 20,0 | 16,0 - 26,0 | 64,0 | 21,0 | 45 | 40 | 40 | 50,0 | 1,30 - 1,70 | 0,2 - 0,8 |
| NPT 1 1/4" | ULN1141BRC | 15,0 - 26,0 | 20,0 - 33,0 | 81,0 | 21,0 | 48 | 52 | 52 | 57,0 | 1,20 - 1,80 | 0,2 - 0,5 |
| NPT 1 1/4" | ULN1142BRC | 20,0 - 32,0 | 29,0 - 41,0 | 92,0 | 18,0 | 55 | 60 | 60 | 66,0 | 1,60 - 2,20 | 0,2 - 0,8 |
| NPT 1 1/2" | ULN112X1BRC | 15,0 - 26,0 | 20,0 - 33,0 | 81,0 | 21,0 | 54 | 52 | 52 | 60,0 | 1,20 - 1,80 | 0,2 - 0,8 |
| NPT 1 1/2" | ULN112X2BRC | 20,0 - 32,0 | 29,0 - 41,0 | 92,0 | 21,0 | 55 | 60 | 60 | 66,0 | 1,60 - 2,20 | 0,2 - 0,8 |
| NPT 1 1/2" | ULN1121BRC | 22,0 - 35,0 | 33,0 - 48,0 | 100,0 | 21,0 | 60 | 70 | 75 | 83,0 | 2,00 - 2,80 | 0,2 - 0,8 |
| NPT 1 1/2" | ULN1122BRC | 27,0 - 41,0 | 36,0 - 52,0 | 104,5 | 21,0 | 70 | 70 | 74 | 81,8 | 1,80 - 2,80 | 0,2 - 1,0 |
| NPT 2" | ULN02X1BRC | 22,0 - 35,0 | 33,0 - 48,0 | 100,0 | 21,0 | 68 | 70 | 75 | 83,0 | 2,00 - 2,80 | 0,3 - 1,4 |
| NPT 2" | ULN02X2BRC | 27,0 - 41,0 | 36,0 - 52,0 | 104,5 | 21,0 | 70 | 70 | 74 | 81,8 | 1,80 - 2,80 | 0,2 - 1,0 |
| NPT 2" | ULN02S1BRC | 35,0 - 45,0 | 43,0 - 57,0 | 109,5 | 20,0 | 75 | 80 | 80 | 89,5 | 1,80 - 2,80 | 0,3 - 1,4 |
| NPT 2" | ULN02S2BRC | 40,0 - 52,0 | 47,0 - 60,0 | 111,5 | 21,0 | 85 | 85 | 85 | 94,0 | 1,80 - 2,80 | 0,3 - 1,0 |
| NPT 2 1/2" | ULN212X1BRC | 35,0 - 45,0 | 43,0 - 57,0 | 109,0 | 21,0 | 80 | 80 | 80 | 89,5 | 1,80 - 2,80 | 0,6 - 1,5 |
| NPT 2 1/2" | ULN2121BRC | 40,0 - 52,0 | 47,0 - 60,0 | 111,5 | 21,0 | 85 | 85 | 85 | 94,0 | 1,80 - 2,80 | 0,3 - 1,0 |
| NPT 2 1/2" | ULN2122BRC | 45,0 - 60,0 | 54,0 - 70,0 | 127,5 | 20,0 | 90 | 95 | 100 | 110,5 | 1,00 - 2,30 | 0,6 - 1,5 |
| NPT 3" | ULN03X1BRC | 40,0 - 52,0 | 47,0 - 60,0 | 111,5 | 21,0 | 95 | 85 | 85 | 105,0 | 1,80 - 2,80 | 0,2 - 1,2 |
| NPT 3" | ULN03S1BRC | 45,0 - 60,0 | 54,0 - 70,0 | 127,5 | 21,0 | 95 | 95 | 100 | 110,5 | 1,00 - 2,30 | 0,6 - 1,5 |
| NPT 3" | ULN03S2BRC | 60,0 - 72,0 | 63,0 - 80,0 | 158,0 | 21,0 | 110 | 115 | 115 | 127,0 | 1,00 - 3,50 | 0,2 - 1,2 |
| NPT 3 1/2" | ULN3122BRC | 45,0 - 60,0 | 54,0 - 70,0 | 127,5 | 21,0 | 110 | 95 | 100 | 123,0 | 1,00 - 2,30 | 0,2 - 1,9 |
| NPT 3 1/2" | ULN3121BRC | 60,0 - 72,0 | 63,0 - 80,0 | 158,0 | 21,0 | 110 | 115 | 115 | 127,0 | 1,00 - 3,50 | 0,2 - 1,2 |

DOUBLE COMPRESSION CABLE GLAND

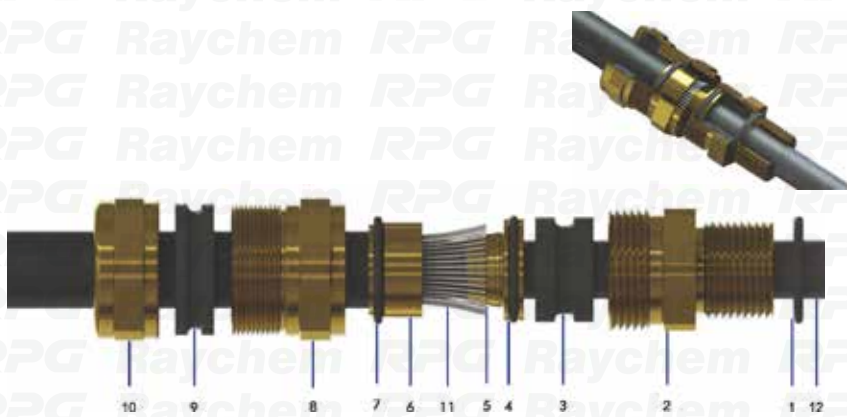
FOR ARMoured CABLE

E1RW - SERIES

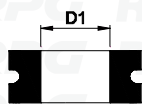
| Approved by | CESI S.p.A | CESI S.p.A |
|--------------------------------|--|--|
| Examination Certificate Number | CESI 15 ATEX 058X | IECEX CES 15.0020X |
| Safety Requirements | EN 60079-0 | IEC 60079-0 |
| | EN 60079-1 | IEC 60079-1 |
| | EN 60079-31 | IEC 60079-31 |
| | EN 60079-7 | IEC 60079-7 |
| Equipment Marking |  II 2 GD Ex d IIC Gb Ex e IIC Gb Ex tb IIIC Db IP 66/68 |  II 2 GD Ex d IIC Gb Ex e IIC Gb Ex tb IIIC Db IP 66/68 |

Technical information :

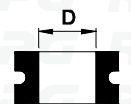
| | | |
|---------------------------------------|---|--|
| Equipment Suitable for use | Gas Group Zone 1 / Zone 2 Group II Gas Group IIC | Dust Group Zone 21 / Zone 22 Group III Dust Group IIIC |
| For | Gas & Dust potentially explosive atmospheres | |
| Level of Ingress Protection | IP 66 / 68 | |
| Marking - Group II/ Group III Group I | II2GD / Ex d IIC Gb / Ex e IIC Gb / Ex tb IIIC Db I M2 / Ex db I Mb / Ex eb I Mb | |
| Certificate numbers | CESI 15 ATEX 058X / IECEX CES 15.0020X | |
| Cable Type | SWA - SWB - STA - PWA - AWA - Shielded | |
| Seal Operating Temperature | Chloroprene (Neoprene) -40°C +100°C Silicon -60°C +130°C | |
| Material | Brass, Stainless steel, Nickel plated Brass, Galvanized steel, Aluminium | |
| Thread type | Metric (M) ISO Pitch 1.5 / NPT (N) ANSI ASME B1.20.1 Other thread type also available upon request | |



(Diagram - 2 - a)

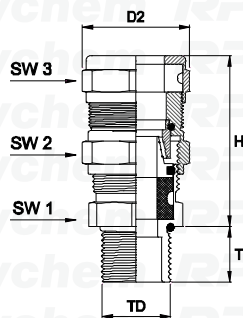


Upper Seal Cable
Outer Diameters



Lower Seal Cable
Inner Diameters

(Diagram - 2 - b)



(Diagram - 2 - c)

| Item | Description |
|------|---------------------|
| 1 | O-ring BIS |
| 2 | Cone body |
| 3 | Displacement washer |
| 4 | O-ring DC |
| 5 | Detachable cone |
| 6 | Retainer ring |
| 7 | O-ring SR |
| 8 | Main body |
| 9 | Compression washer |
| 10 | Entry nut |
| 11 | Armour |
| 12 | Armour cable |

E1RW - METRIC

| Thread Type (TD) | E1RW Cable Gland Code | Clamping Range (mm) Ø min-max (Dig) | | Cable Gland Dimensions (Dig. - 1-c) | | | | | | Armor Wire Ø (mm) |
|------------------|-----------------------|-------------------------------------|-------------|-------------------------------------|-------------|-----------|----------|----------|-------------|-------------------|
| | | D (mm) | D1 (mm) | H min (mm) | TL min (mm) | SW 1 (mm) | SW2 (mm) | SW3 (mm) | D2 min (mm) | |
| M12x1,5 | DLM12S1BRC | 2,0 - 4,0 | 3,0 - 5,5 | 60,5 | 15 | 17 | 17 | 17 | 18,9 | 0,10 - 0,40 |
| M12x1,5 | DLM12S2BRC | 3,0 - 7,5 | 6,0 - 12,0 | 48,5 | 15 | 22 | 26 | 26 | 29,0 | 0,70 - 1,20 |
| M16x1,5 | DLM16S1BRC | 3,0 - 8,5 | 6,0 - 12,0 | 49,5 | 16,0 | 22 | 26 | 26 | 29,0 | 0,70 - 1,20 |
| M16x1,5 | DLM16S2BRC | 6,0 - 12,0 | 8,5 - 16,0 | 52,0 | 16,0 | 25 | 29 | 29 | 31,5 | 0,70 - 1,25 |
| M20x1,5 | DLM20S1BRC | 3,0 - 8,5 | 6,0 - 12,0 | 50,0 | 16,0 | 24 | 26 | 26 | 29,0 | 0,70 - 1,20 |
| M20x1,5 | DLM20S2BRC | 6,0 - 12,0 | 8,5 - 16,0 | 51,5 | 16,0 | 25 | 29 | 29 | 31,5 | 0,70 - 1,25 |
| M20x1,5 | DLM20S3BRC | 8,5 - 14,5 | 12,0 - 20,0 | 54,0 | 16,0 | 28 | 30 | 32 | 35,0 | 0,90 - 1,30 |
| M25x1,5 | DLM25X1BRC | 3,0 - 8,5 | 6,0 - 12,0 | 50,0 | 18,0 | 29 | 26 | 26 | 31,5 | 0,70 - 1,20 |
| M25x1,5 | DLM25S1BRC | 6,0 - 12,0 | 8,5 - 16,0 | 52,5 | 18,0 | 29 | 29 | 29 | 31,5 | 0,70 - 1,25 |
| M25x1,5 | DLM25S2BRC | 8,5 - 16,0 | 12,0 - 21,0 | 56,5 | 18,0 | 32 | 34 | 34 | 37,0 | 0,70 - 1,20 |
| M25x1,5 | DLM25S3BRC | 12,0 - 20,0 | 16,0 - 26,0 | 63,0 | 18,0 | 36 | 40 | 40 | 44,0 | 1,30 - 1,70 |
| M32x1,5 | DLM32X1BRC | 6,0 - 12,0 | 8,5 - 16,0 | 52,5 | 18,0 | 36 | 29 | 29 | 39,8 | 0,70 - 1,25 |
| M32x1,5 | DLM32S1BRC | 12,0 - 20,0 | 16,0 - 26,0 | 64,0 | 18,0 | 40 | 40 | 40 | 44,0 | 1,30 - 1,70 |
| M32x1,5 | DLM32S2BRC | 15,0 - 26,0 | 20,0 - 33,0 | 81,0 | 18,0 | 48 | 52 | 52 | 57,0 | 1,20 - 1,80 |
| M40x1,5 | DLM40X1BRC | 12,0 - 20,0 | 16,0 - 26,0 | 64,0 | 18,0 | 45 | 40 | 40 | 50,0 | 1,30 - 1,70 |
| M40x1,5 | DLM40S1BRC | 15,0 - 26,0 | 20,0 - 33,0 | 81,0 | 18,0 | 48 | 52 | 52 | 57,0 | 1,20 - 1,80 |
| M40x1,5 | DLM40S2BRC | 20,0 - 32,0 | 29,0 - 41,0 | 92,0 | 18,0 | 55 | 60 | 60 | 66,0 | 1,60 - 2,20 |
| M50x1,5 | DLM50X1BRC | 15,0 - 26,0 | 20,0 - 33,0 | 81,0 | 18,0 | 54 | 52 | 52 | 60,0 | 1,20 - 1,80 |
| M50x1,5 | DLM50X2BRC | 20,0 - 32,0 | 29,0 - 41,0 | 92,0 | 18,0 | 55 | 60 | 60 | 66,0 | 1,60 - 2,20 |
| M50x1,5 | DLM50S1BRC | 22,0 - 35,0 | 33,0 - 48,0 | 100,0 | 18,0 | 60 | 70 | 75 | 83,0 | 2,00 - 2,80 |
| M50x1,5 | DLM50S2BRC | 27,0 - 41,0 | 36,0 - 52,0 | 104,5 | 18,0 | 70 | 70 | 74 | 81,8 | 1,80 - 2,80 |
| M63x1,5 | DLM63X1BRC | 22,0 - 35,0 | 33,0 - 48,0 | 100,0 | 20,0 | 68 | 70 | 75 | 83,0 | 2,00 - 2,80 |
| M63x1,5 | DLM63X2BRC | 27,0 - 41,0 | 36,0 - 52,0 | 104,5 | 20,0 | 70 | 70 | 74 | 81,8 | 1,80 - 2,80 |
| M63x1,5 | DLM63S1BRC | 35,0 - 45,0 | 43,0 - 57,0 | 109,5 | 20,0 | 75 | 80 | 80 | 89,5 | 1,80 - 2,80 |
| M63x1,5 | DLM63S2BRC | 40,0 - 52,0 | 47,0 - 60,0 | 111,5 | 20,0 | 85 | 85 | 85 | 94,0 | 1,80 - 2,80 |
| M63x1,5 | DLM63S3BRC | 45,0 - 56,0 | 54,0 - 70,0 | 124,0 | 20,0 | 90 | 95 | 100 | 110,5 | 1,30 - 2,50 |
| M75x1,5 | DLM75X1BRC | 35,0 - 45,0 | 43,0 - 57,0 | 109,5 | 20,0 | 85 | 80 | 80 | 94,0 | 1,80 - 2,80 |
| M75x1,5 | DLM75S1BRC | 40,0 - 52,0 | 47,0 - 60,0 | 111,5 | 20,0 | 85 | 85 | 85 | 94,0 | 1,80 - 2,80 |
| M75x1,5 | DLM75S2BRC | 45,0 - 60,0 | 54,0 - 70,0 | 127,5 | 20,0 | 90 | 95 | 100 | 110,5 | 1,00 - 2,30 |
| M90x1,5 | DLM90X1BRC | 40,0 - 52,0 | 47,0 - 60,0 | 111,5 | 20,0 | 100 | 85 | 85 | 110,5 | 1,80 - 2,80 |
| M90x1,5 | DLM90S1BRC | 45,0 - 60,0 | 54,0 - 70,0 | 127,5 | 20,0 | 95 | 95 | 100 | 110,5 | 1,00 - 2,30 |
| M90x1,5 | DLM90S2BRC | 60,0 - 72,0 | 63,0 - 80,0 | 158,0 | 20,0 | 110 | 115 | 115 | 127,0 | 1,00 - 3,50 |
| M110x1,5 | DLM110S1 | 45,0 - 60,0 | 54,0 - 70,0 | 127,5 | 20,0 | 120 | 95 | 100 | 128,0 | 1,00 - 2,30 |
| M110x1,5 | DLM110S2 | 60,0 - 72,0 | 63,0 - 80,0 | 158,0 | 20,0 | 120 | 115 | 115 | 128,0 | 1,00 - 3,50 |

E1RW - NPT

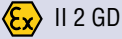
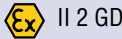
| Thread Type (TD) | E1RW Cable Gland Code | Clamping Range (mm) Ø min-max (Dig) | | Cable Gland Dimensions (Dig. - 1-c) | | | | | | Armor Wire Ø (mm) |
|------------------|-----------------------|--|-------------|-------------------------------------|-------------|-----------|----------|----------|-------------|----------------------|
| | | D (mm) | D1 (mm) | H min (mm) | TL min (mm) | SW 1 (mm) | SW2 (mm) | SW3 (mm) | D2 min (mm) | |
| NPT 1/4" | DLN14S1BRC | 2,0 - 4,0 | 3,0 - 5,5 | 60,5 | 16,0 | 17 | 17 | 17 | 18,9 | 0,10 - 0,40 |
| NPT 1/4" | DLN14S2BRC | 3,0 - 8,0 | 6,0 - 12,0 | 48,0 | 16,0 | 22 | 26 | 26 | 29,0 | 0,70 - 1,20 |
| NPT 3/8" | DLN38S1BRC | 3,0 - 8,5 | 6,0 - 12,0 | 49,5 | 16,0 | 22 | 26 | 26 | 29,0 | 0,70 - 1,20 |
| NPT 3/8" | DLN38S2BRC | 6,0 - 12,0 | 8,5 - 16,0 | 52,0 | 16,0 | 25 | 29 | 29 | 31,5 | 0,70 - 1,25 |
| NPT 1/2" | DLN12S1BRC | 3,0 - 8,5 | 6,0 - 12,0 | 49,5 | 16,0 | 24 | 26 | 26 | 29,0 | 0,70 - 1,20 |
| NPT 1/2" | DLN12S2BRC | 6,0 - 12,0 | 8,5 - 16,0 | 51,0 | 16,0 | 25 | 29 | 29 | 31,5 | 0,70 - 1,25 |
| NPT 1/2" | DLN12S3BRC | 8,5 - 14,5 | 12,0 - 20,0 | 54,0 | 16,0 | 28 | 30 | 32 | 35,0 | 0,90 - 1,30 |
| NPT 3/4" | DLN34X1BRC | 3,0 - 8,5 | 6,0 - 12,0 | 50,0 | 16,0 | 29 | 26 | 26 | 31,5 | 0,70 - 1,20 |
| NPT 3/4" | DLN34S1BRC | 6,0 - 12,0 | 8,5 - 16,0 | 52,5 | 18,0 | 29 | 29 | 29 | 31,5 | 0,70 - 1,25 |
| NPT 3/4" | DLN34S2BRC | 8,5 - 16,0 | 12,0 - 21,0 | 56,5 | 16,0 | 32 | 34 | 34 | 37,0 | 0,70 - 1,20 |
| NPT 3/4" | DLN34S3BRC | 12,0 - 20,0 | 16,0 - 26,0 | 62,5 | 16,0 | 36 | 40 | 40 | 44,0 | 1,30 - 1,70 |
| NPT 1" | DLN01X1BRC | 6,0 - 12,0 | 8,5 - 16,0 | 52,5 | 21,0 | 36 | 29 | 29 | 39,8 | 0,70 - 1,25 |
| NPT 1" | DLN01S1BRC | 12,0 - 20,0 | 16,0 - 26,0 | 64,0 | 21,0 | 40 | 40 | 40 | 44,0 | 1,30 - 1,70 |
| NPT 1" | DLN01S2BRC | 15,0 - 26,0 | 20,0 - 33,0 | 80,5 | 21,0 | 48 | 52 | 52 | 57,0 | 1,20 - 1,80 |
| NPT 1 1/4" | DLN110X1BRC | 12,0 - 20,0 | 16,0 - 26,0 | 64,0 | 21,0 | 45 | 40 | 40 | 50,0 | 1,30 - 1,70 |
| NPT 1 1/4" | DLN1141BRC | 15,0 - 26,0 | 20,0 - 33,0 | 81,0 | 21,0 | 48 | 52 | 52 | 57,0 | 1,20 - 1,80 |
| NPT 1 1/4" | DLN1142BRC | 20,0 - 32,0 | 29,0 - 41,0 | 92,0 | 18,0 | 55 | 60 | 60 | 66,0 | 1,60 - 2,20 |
| NPT 1 1/2" | DLN112X1BRC | 15,0 - 26,0 | 20,0 - 33,0 | 78,4 | 28,0 | 54 | 52 | 52 | 57,0 | 1,20 - 1,80 |
| NPT 1 1/2" | DLN112X2BRC | 20,0 - 32,0 | 29,0 - 41,0 | 88,7 | 28,0 | 55 | 60 | 60 | 66,0 | 1,60 - 2,20 |
| NPT 1 1/2" | DLN1121BRC | 22,0 - 35,0 | 33,0 - 48,0 | 100,0 | 21,0 | 60 | 70 | 75 | 83,0 | 2,00 - 2,80 |
| NPT 1 1/2" | DLN1122BRC | 27,0 - 41,0 | 36,0 - 52,0 | 104,5 | 21,0 | 70 | 70 | 74 | 81,8 | 1,80 - 2,80 |
| NPT 2" | DLN02X1BRC | 22,0 - 35,0 | 33,0 - 48,0 | 100,0 | 21,0 | 68 | 70 | 75 | 83,0 | 2,00 - 2,80 |
| NPT 2" | DLN02X2BRC | 27,0 - 41,0 | 36,0 - 52,0 | 104,5 | 21,0 | 70 | 70 | 74 | 81,8 | 1,80 - 2,80 |
| NPT 2" | DLN02S1BRC | 35,0 - 45,0 | 43,0 - 57,0 | 109,5 | 20,0 | 75 | 80 | 80 | 89,5 | 1,80 - 2,80 |
| NPT 2" | DLN02S2BRC | 40,0 - 52,0 | 47,0 - 60,0 | 108,0 | 28,0 | 85 | 85 | 85 | 94,0 | 1,80 - 2,80 |
| NPT 2" | DLN02S3BRC | 45,0 - 52,0 | 54,0 - 70,0 | 124,0 | 28,0 | 90 | 95 | 100 | 110,5 | 1,30 - 2,50 |
| NPT 2 1/2" | DLN212X1BRC | 35,0 - 45,0 | 43,0 - 57,0 | 109,0 | 21,0 | 80 | 80 | 80 | 89,5 | 1,80 - 2,80 |
| NPT 2 1/2" | DLN2121BRC | 40,0 - 52,0 | 47,0 - 60,0 | 111,5 | 21,0 | 85 | 85 | 85 | 94,0 | 1,80 - 2,80 |
| NPT 2 1/2" | DLN2122BRC | 45,0 - 60,0 | 54,0 - 70,0 | 127,5 | 20,0 | 90 | 95 | 100 | 110,5 | 1,00 - 2,30 |
| NPT 3" | DLN03X1BRC | 40,0 - 52,0 | 47,0 - 60,0 | 111,5 | 21,0 | 95 | 85 | 85 | 105,0 | 1,80 - 2,80 |
| NPT 3" | DLN03S1BRC | 45,0 - 60,0 | 54,0 - 70,0 | 124,0 | 43,0 | 90 | 95 | 100 | 110,5 | 1,00 - 2,30 |
| NPT 3" | DLN03S2BRC | 60,0 - 72,0 | 63,0 - 80,0 | 158,0 | 21,0 | 110 | 115 | 115 | 127,0 | 1,00 - 3,50 |
| NPT 3 1/2" | DLN3122 | 45,0 - 60,0 | 54,0 - 70,0 | 127,5 | 21,0 | 110 | 95 | 100 | 123,0 | 1,00 - 2,30 |
| NPT 3 1/2" | DLN3121 | 60,0 - 72,0 | 63,0 - 80,0 | 158,0 | 21,0 | 110 | 115 | 115 | 127,0 | 1,00 - 3,50 |

SINGLE COMPRESSION GLAND

Raychem RPG

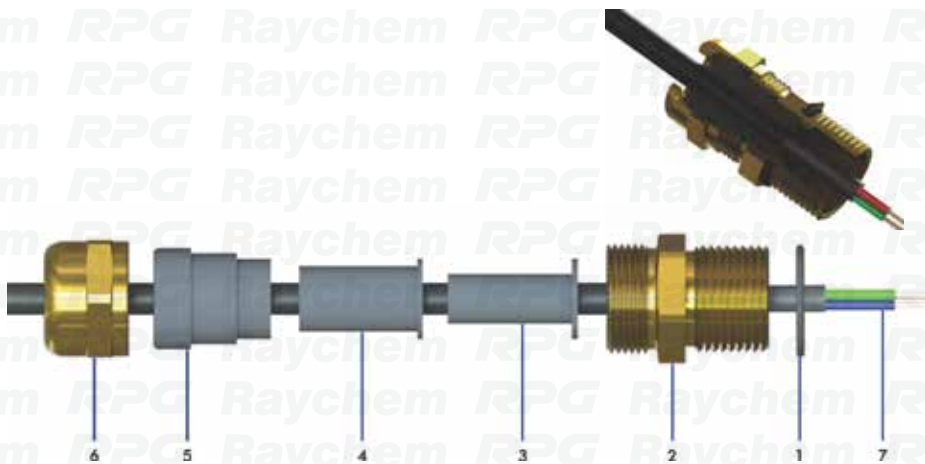
FOR UNARMoured CABLES

RA2 - SERIES

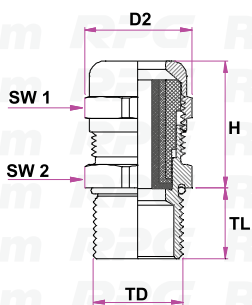
| Approved by | CESI S.p.A | |
|--------------------------------|--|---|
| Examination Certificate Number | IMQ 15 ATEX 016X | IECEX 15 IMQ 15.008X |
| | EN 60079-0 | IEC 60079-0 |
| Safety Requirements | EN 60079-31 | IEC 60079-31 |
| | EN 60079-7 | IEC 60079-7 |
| Equipment Marking |  II 2 GD Ex d IIC Gb Ex e IIC Gb Ex tb IIIC Db IP 66/68 |  II 2 GD Ex d IIC Gb Ex e IIC Gb Ex tb IIIC Db IP 66/68 |

Technical information :

| | | |
|--------------------------------|---|---|
| Equipment Suitable for use | Gas Group Zone 1 / Zone 2 Group II Gas Group IIC | Dust Group Zone 21 / Zone 22 Group III Dust Group IIIC |
| For | Gas & Dust potentially explosive atmospheres | |
| Level of Ingress Protection | IP 66 / 68 | |
| Marking - Group II / Group III | II2GD / Ex d IIC Gb / Ex e IIC Gb / Ex tb IIIC Db | |
| Certificate numbers | CESI 15 ATEX 058X / IECEx CES 15.0020X | |
| Cable Type | SWA - SWB - STA - PWA - AWA - Shielded | |
| Seal Operating Temperature | Chloroprene (Neoprene) -40°C +100°C Silicon -60°C +130°C | |
| Material | Brass, Stainless steel, Nickel plated Brass, Galvanized steel, Aluminium | |
| Thread type | Metric (M) ISO Pitch 1.5 / NPT (N) ANSI ASME B1.20.1 Other thread type also available upon request | |

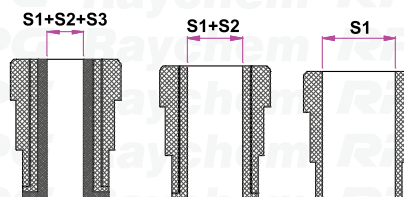


(Diagram - 3 - a)



(Diagram - 3 - b)

Clamping Range (D)
Sealing Combinations



(Diagram - 3 - c)

| Item | Description |
|------|-------------|
| 1 | O-ring BIS |
| 2 | Cone body |
| 3 | Seal S3 |
| 4 | Seal S2 |
| 5 | Seal S1 |
| 6 | Entry nut |
| 7 | Cable |

RA2 - METRIC

| Thread Type (TD) | RA2 Cable Gland Code | Clamping Range (mm) Ø min-max (Dig-3-c) | | | | Cable Gland Dimensions | | |
|------------------|----------------------|---|---------------|------------|---------|------------------------|---------|----------------------|
| | | D (mm) | S1+S2+S3 (mm) | S1+S3 (mm) | S2 (mm) | H Min (mm) | TL (mm) | SW (Body/Cap) (min.) |
| M8x1.25 | SLM08S1BRC | 2,0-4,0 | - | - | 2-4 | 15.5 | 5 | 11 |
| M12x1,5 | SLM12S1BRC | 4,0-8,0 | 4-6 | 6-8 | - | 30.5 | 16 | 22 |
| M12x1,5 | SLM12S2BRC | 3,0-8,0 | - | 3-6 | 6-8 | 27 | 16 | 20 |
| M16x1,5 | SLM16S1BRC | 3,0-9,0 | - | 3-6 | 6-9 | 27 | 16 | 20 |
| M16x1,5 | SLM16S2BRC | 4,0-12,0 | 4-6 | 6-9 | 9-12 | 31 | 16 | 22 |
| M20x1,5 | SLM20S0BRC | 3,0-9,0 | - | 3-6 | 6-9 | 27 | 16 | 22/20 |
| M20x1,5 | SLM20S1BRC | 4,0-12,0 | 4-6 | 6-9 | 9-12 | 27 | 16 | 22 |
| M20x1,5 | SLM20S2BRC | 10,0-16,0 | 10-12 | 12-14,5 | 14,5-16 | 30 | 16 | 28 |
| M25x1,5 | SLM25S0BRC | 4,0-12,0 | 4-6 | 6-9 | 9-12 | 27 | 16 | 28/22 |
| M25x1,5 | SLM25S1BRC | 10,0-18,0 | 10-12 | 12-14,5 | 14,5-18 | 30.5 | 16 | 28 |
| M25x1,5 | SLM25S2BRC | 14,0-20,0 | 14-17 | 17-20 | - | 34 | 16 | 35 |
| M32x1,5 | SLM32S0BRC | 10,0-18,0 | 10-12 | 12-14,5 | 14,5-18 | 31.5 | 16 | 35/28 |
| M32x1,5 | SLM32S1BRC | 14,0-24,0 | 14-17 | 17-20 | 20-24 | 33 | 16 | 35 |
| M32x1,5 | SLM32S2BRC | 22,0-28,0 | 22-24 | 24-27 | 27-28 | 41 | 16 | 45 |
| M40x1,5 | SLM40S0BRC | 14,0-24,0 | 14-17 | 17-20 | 20-24 | 33 | 18 | 45/35 |
| M40x1,5 | SLM40S1BRC | 22,0-32,0 | 22-24 | 24-27 | 27-32 | 41 | 18 | 45 |
| M40x1,5 | SLM40S2BRC | 26,0-34,0 | 26-28 | 28-31 | 31-34 | 44 | 18 | 50 |
| M50x1,5 | SLM50S0BRC | 22,0-32,0 | 22-24 | 24-27 | 27-32 | 43 | 18 | 55/45 |
| M50x1,5 | SLM50S1BRC | 26,0-35,0 | 26-28 | 28-31 | 31-35 | 44 | 18 | 55/50 |
| M50x1,5 | SLM50S2BRC | 35,0-44,0 | 35-38 | 38-41 | 41-44 | 43 | 18 | 64 |
| M63x1,5 | SLM63S0BRC | 26,0-35,0 | 26-28 | 28-31 | 31-35 | 42 | 18 | 68/50 |
| M63x1,5 | SLM63S1BRC | 35,0-45,0 | 35-38 | 38-41 | 41-45 | 43 | 18 | 68/64 |
| M63x1,5 | SLM63S2BRC | 46,0-56,0 | 46-48 | 48-52 | 52-56 | 52.5 | 18 | 75/80 |
| M75x1,5 | SLM75S0BRC | 35,0-45,0 | 35-38 | 38-41 | 41-45 | 45 | 20 | 80/64 |
| M75x1,5 | SLM75S1BRC | 46,0-62,0 | 46-51 | 51-56 | 56-62 | 52 | 20 | 80 |
| M75x1,5 | SLM75S2BRC | 60,0-69,0 | 60-65 | 65-69 | - | 55 | 20 | 95 |
| M80x1.5 | SLM80S0BRC | 60,0-71,0 | 60-65 | 65-70 | 70-71 | 55 | 20 | 95 |
| M80x2.0 | SLM80S1BRC | 60,0-71,0 | 60-65 | 65-70 | 70-71 | 55 | 20 | 95 |
| M90x1,5 | SLM90S0BRC | 46,0-62,0 | 46-51 | 51-56 | 56-62 | 52 | 20 | 95/80 |
| M90x1,5 | SLM90S1BRC | 60,0-75,0 | 60-65 | 65-70 | 70-75 | 55 | 20 | 95 |
| M90x1,5 | SLM90S2BRC | 75,0-82,0 | 75-78 | 78-81 | 81-82 | 55 | 20 | 105 |
| M100x1,5 | SLM100S0BRC | 60,0-75,0 | 60-65 | 65-70 | 70-75 | 55 | 20 | 105/95 |
| M100x1,5 | SLM1001BRC | 75,0-85,0 | 75-78 | 78-81 | 81-85 | 55 | 20 | 105 |
| M110x1,5 | SLM1102BRC | 85,0-95,0 | 85-88 | 88-91 | 91-95 | 57 | 20 | 115 |
| M115x2.0 | SLM115X1BRC | 75,0-85,0 | 75-78 | 78-81 | 81-85 | 59 | 24 | 130/105 |
| M115x2.0 | SLM115S1BRC | 85,0-95,0 | 85-88 | 88-91 | 91-95 | 59 | 24 | 130/115 |
| M115x2.0 | SLM115S2BRC | 95,0-105,0 | 95-98 | 98-101 | 101-105 | 62.5 | 24 | 130 |
| M130x2.0 | SLM130S0BRC | 105,0-115,0 | 105-108 | 108-111 | 111-115 | 65.5 | 24 | 140 |

* only Ex e IIC Gb / Ex tb IIIC Db

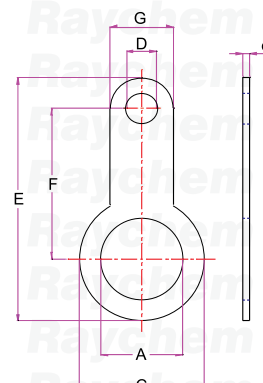
RA2 - NPT

| Thread Type (TD) | RA2 Cable Gland Code | Clamping Range (mm) Ø min-max (Dig-2-c) | | | | Cable Gland Dimensions (Dig. -2 b) | | |
|------------------|----------------------|---|---------------|------------|---------|------------------------------------|---------|----------------------|
| | | D (mm) | S1+S2+S3 (mm) | S1+S2 (mm) | S1 (mm) | H MIM (mm) | TL (mm) | SW (Body/Cap) (min.) |
| NPT 1/4" | SLN14S1BRC | 4,0-8,0 | 4-6 | 6-8 | - | 30.5 | 16 | 22 |
| NPT 1/4" | SLN14S2BRC | 3,0-8,0 | - | 3-6 | 6-8 | 27 | 16 | 20 |
| NPT 3/8" | SLN38S1BRC | 3,0-9,0 | - | 3-6 | 6-9 | 27 | 16 | 20 |
| NPT 3/8" | SLN38S2BRC | 4,0-12,0 | 4-6 | 6-9 | 9-12 | 30.5 | 16 | 22 |
| NPT 1/2" | SLN12S0BRC | 3,0-9,0 | - | 3-6 | 6-9 | 27 | 16 | 22/20 |
| NPT 1/2" | SLN12S1BRC | 4,0-12,0 | 4-6 | 6-9 | 9-12 | 27 | 16 | 22 |
| NPT 1/2" | SLN12S2BRC | 10,0-16,0 | 10-12 | 12-14,5 | 14,5-16 | 30 | 16 | 28 |
| NPT 3/4" | SLN34S0BRC | 4,0-12,0 | 4-6 | 6-9 | 9-12 | 27 | 16 | 28/22 |
| NPT 3/4" | SLN34S1BRC | 10,0-18,0 | 10-12 | 12-14,5 | 14,5-18 | 30 | 16 | 28 |
| NPT 3/4" | SLN34S2BRC | 14,0-20,0 | 14-17 | 17-20 | - | 33 | 16 | 35 |
| NPT 1" | SLN01S0BRC | 10,0-18,0 | 10-12 | 12-14,5 | 14,5-18 | 31 | 20 | 35/28 |
| NPT 1" | SLN01S1BRC | 14,0-24,0 | 14-17 | 17-20 | 20-24 | 33 | 20 | 35 |
| NPT 1" | SLN01S2BRC | 22,0-26,0 | 22-24 | 24-26 | - | 40 | 20 | 45 |
| NPT 1 1/4" | SLN114S0BRC | 14,0-24,0 | 14-17 | 17-20 | 20-24 | 33 | 20 | 45/35 |
| NPT 1 1/4" | SLN1141BRC | 22,0-32,0 | 22-24 | 24-27 | 27-32 | 40.5 | 20 | 45 |
| NPT 1 1/4" | SLN1142BRC | 26,0-34,0 | 26-28 | 28-31 | 31-34 | 43.5 | 20 | 50 |
| NPT 1 1/2" | SLN112S0BRC | 22,0-32,0 | 22-24 | 24-27 | 27-32 | 42.5 | 20 | 55/45 |
| NPT 1 1/2" | SLN1121BRC | 26,0-35,0 | 26-28 | 28-31 | 31-35 | 43.5 | 20 | 55/50 |
| NPT 1 1/2" | SLN1122BRC | 35,0-41,0 | 35-38 | 38-41 | - | 42 | 20 | 64 |
| NPT 2" | SLN02S0BRC | 26,0-35,0 | 26-28 | 28-31 | 31-35 | 41.5 | 20 | 68/50 |
| NPT 2" | SLN02S1BRC | 35,0-45,0 | 35-38 | 38-41 | 41-45 | 43.5 | 20 | 68/64 |
| NPT 2" | SLN02S2BRC | 46,0-52,0 | 46-48 | 48-52 | - | 52 | 20 | 75/80 |
| NPT 2 1/2" | SLN212S0BRC | 35,0-45,0 | 35-38 | 38-41 | 41-45 | 45.5 | 21 | 80/64 |
| NPT 2 1/2" | SLN2121BRC | 46,0-62,0 | 46-51 | 51-56 | 56-62 | 52 | 21 | 80 |
| NPT 2 1/2" | SLN2122BRC | 60,0-64,0 | 60-64 | - | - | 55 | 21 | 95 |
| NPT 3" | SLN03S0BRC | 46,0-62,0 | 46-51 | 51-56 | 56-62 | 52 | 21 | 95/80 |
| NPT 3" | SLN03S1BRC | 60,0-75,0 | 60-65 | 65-70 | 70-75 | 55 | 21 | 95 |
| NPT 3" | SLN03S2BRC | 75,0-79,5 | 75-78 | 78-79,5 | - | 55 | 21 | 105 |
| NPT 4" | SLN04S0BRC | 60,0-75,0 | 60-65 | 65-70 | 70-75 | 55 | 21 | 115/95 |
| NPT 4" | SLN04S1BRC | 75,0-85,0 | 75-78 | 78-81 | 81-85 | 55 | 21 | 115/105 |
| NPT 4" | SLN04S2BRC | 85,0-95,0 | 85-88 | 88-91 | 91-95 | 56 | 21 | 115 |
| NPT 4" | SLN04S3BRC | 95,0-101,0 | 95-98 | 98-101 | - | 62.5 | 21 | 130 |
| NPT 5" | SLN05S1BRC | 95,0-105,0 | 95-98 | 98-101 | 101-105 | 62.5 | 27 | 145/130 |
| NPT 5" | SLN05S2BRC | 105,0-115,0 | 105-108 | 108-111 | 111-115 | 65.5 | 27 | 145/140 |

ACCESSORIES

EARTH TAG

| Type | Earth tag Code | Dimensions (Dig. -8) | | | | | | |
|------------|----------------|----------------------|--------|----------|----------|--------|--------|--------|
| | | A Ø (mm) | T (mm) | C Ø (mm) | D Ø (mm) | E (mm) | F (mm) | G (mm) |
| M12 | REM12S1BR | 12.20 | 1.5 | 22 | 6.2 | 46 | 30 | 12 |
| M16 | REM16S1BR | 16.20 | 1.5 | 25 | 6.2 | 48.75 | 30 | 12.5 |
| M20 | REM20S1BR | 20.20 | 1.5 | 28.6 | 6.2 | 53.55 | 33 | 12.5 |
| M25 | REM25S1BR | 25.20 | 1.5 | 34 | 6.2 | 59.50 | 36 | 13 |
| M32 | REM32S1BR | 32.20 | 1.5 | 42 | 12.2 | 73 | 41 | 22 |
| M40 | REM40S1BR | 40.20 | 1.5 | 54 | 14.2 | 86.50 | 46.5 | 26 |
| M50 | REM50S1BR | 50.20 | 1.5 | 67 | 14.2 | 111.50 | 63.5 | 29 |
| M63 | REM63S1BR | 63.20 | 1.5 | 77 | 14.2 | 125.50 | 72.5 | 29 |
| M75 | REM75S1BR | 75.20 | 1.5 | 89 | 14.2 | 137.50 | 77 | 32 |
| M80 | REM80S1BR | 80.20 | 1.5 | 100 | 14.2 | 158 | 91.5 | 32 |
| M90 | REM90S1BR | 90.20 | 1.5 | 109.5 | 14.2 | 167 | 94.5 | 35.5 |
| M110 | REM110S1BR | 110.20 | 1.5 | 138 | 14.2 | 214 | 125 | 40 |
| NPT 1/4" | REN14S1BR | 13.50 | 1.5 | 22 | 6.2 | 46 | 30 | 12 |
| NPT 3/8" | REN38S1BR | 17.35 | 1.5 | 25 | 6.2 | 48.75 | 30 | 12.5 |
| NPT 1/2" | REN12S1BR | 21.70 | 1.5 | 28.6 | 6.2 | 53.55 | 33 | 12.5 |
| NPT 3/4" | REN34S1BR | 26.90 | 1.5 | 34 | 6.2 | 59.50 | 36 | 13 |
| NPT 1" | RENO1S1BR | 33.60 | 1.5 | 42 | 12.2 | 73 | 41 | 22 |
| NPT 1 1/4" | REN114S1BR | 42.35 | 1.5 | 54 | 14.2 | 86.50 | 46.5 | 26 |
| NPT 1 1/2" | REN112S1BR | 48.50 | 1.5 | 67 | 14.2 | 111.50 | 63.5 | 29 |
| NPT 2" | RENO2S1BR | 60.50 | 1.5 | 77 | 14.2 | 125.50 | 72.5 | 29 |

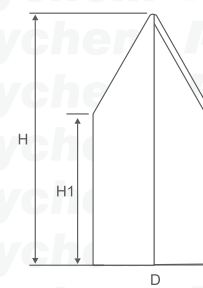


Ordering information: For Nickel plated replace BR with Ni and for Stainless Steel replace BR with SS.

SHROUDS

| Shrouds Code | E1RW | |
|----------------------|------------|--------|
| | Dimensions | |
| | ØD (mm) | H (mm) |
| RSM16S1P (3.0-8.5) | 29.1 | 67 |
| RSM16S2P (6.0-12.0) | 31.7 | 68 |
| RSM20S1P (3.0-8.5) | 29.1 | 67 |
| RSM20S2P (6.0-12.0) | 31.7 | 68 |
| RSM20S3P (8.5-14.5) | 35.2 | 76.6 |
| RSM25S1P (6.0-12.0) | 31.7 | 68 |
| RSM25S2P (8.5-16.0) | 37.2 | 78.6 |
| RSM25S3P (12.0-20.0) | 44.2 | 81.6 |
| RSM32S1P (12.0-20.0) | 44.2 | 81.6 |
| RSM32S2P (15.0-26.0) | 57.2 | 112 |
| RSM40S1P (15.0-26.0) | 57.2 | 112 |
| RSM40S2P (20.0-32.0) | 66.2 | 117.1 |
| RSM50S1P (22.0-35.0) | 82.2 | 132.6 |
| RSM50S2P (27.0-41.0) | 83.2 | 132.6 |
| RSM63S1P (35.0-45.0) | 89.7 | 148 |
| RSM63S2P (40.0-52.0) | 94.2 | 143.8 |
| RSM75S1P (40.0-52.0) | 94.2 | 143.8 |
| RSM90S1P (45.0-60.0) | 110.6 | 182.7 |

| Code | RA2 | |
|----------------------|------------|--------|
| | Dimensions | |
| | ØD (mm) | H (mm) |
| RSM16S1P (3.0-12.0) | 24.5 | 56.1 |
| RSM20S1P (3.0-12.0) | 24.5 | 56.1 |
| RSM20S2P (10.0-18.0) | 31 | 67.5 |
| RSM25S1P (10.0-18.0) | 31 | 67.5 |
| RSM25S2P (14.0-24.0) | 39 | 72.6 |
| RSM32S1P (14.0-24.0) | 39 | 72.6 |
| RSM32S2P (22.0-32.0) | 49.5 | 91.7 |
| RSM40S1P (22.0-32.0) | 49.5 | 91.7 |
| RSM40S2P (26.0-34.0) | 56.1 | 88 |
| RSM50S1P (26.0-35.0) | 61 | 88 |
| RSM50S2P (35.0-44.0) | 70.1 | 93.9 |
| RSM63S1P (35.0-45.0) | 74.9 | 95.5 |
| RSM63S2P (46.0-56.0) | 89 | 100.8 |
| RSM75S1P (46.0-62.0) | 89 | 100.8 |
| RSM63S1P (35.0-45.0) | 89.7 | 148 |
| RSM63S2P (40.0-52.0) | 94.2 | 143.8 |
| RSM75S1P (40.0-52.0) | 94.2 | 143.8 |
| RSM90S1P (45.0-60.0) | 110.6 | 182.7 |

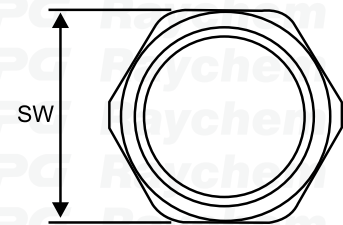
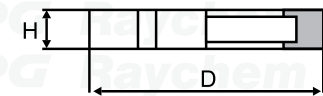


ACCESSORIES

LOCK NUTS

| Material | Brass / Nickel Plated Brass / Stainless Steel | | | |
|-------------|---|------------|---------|--------|
| Metal | | | | |
| Thread Type | Code | Dimensions | | |
| | | H (mm) | SW (mm) | D (mm) |
| M12x1.5 | RLM12S1BR | 2.8 | 15 | 16.6 |
| M16x1.5 | RLM16S1BR | 3 | 19 | 21 |
| M20x1.5 | RLM20S1BR | 3.5 | 24 | 26.5 |
| M25x1.5 | RLM25S1BR | 4 | 30 | 33 |
| M32x1.5 | RLM32S1BR | 5 | 36 | 39.5 |
| M40x1.5 | RLM40S1BR | 5 | 46 | 51 |
| M50x1.5 | RLM50S1BR | 5 | 60 | 66 |
| M63x1.5 | RLM63S1BR | 6 | 70 | 77 |
| M75x1.5 | RLM75S1BR | 7 | 80 | 89 |
| M90x1.5 | RLM90S1BR | 8 | 100 | 112 |
| M100x1.5 | RLM100S1BR | 10 | 110 | 124 |
| M110x1.5 | RLM110S1BR | 10 | 120 | 135 |

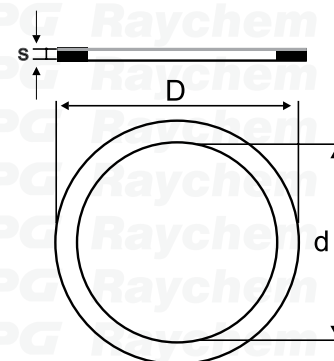
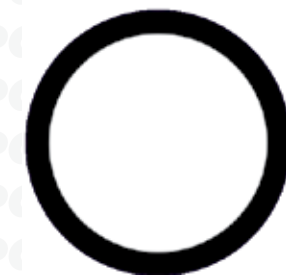
Ordering Information: For Nickel Plated replace BR with NI and for Stainless Steel replace BR with SS.



GASKETS

| Material | Chloroprene -40°C +100°C Silicon -60°C +140°C | | | |
|-------------|--|------------|--------|--------|
| Thread Type | Code | Dimensions | | |
| | | S (mm) | D (mm) | d (mm) |
| M12 | RGM12S1C | 1.5 | 15.5 | 10.3 |
| M16 | RGM16S1C | 1.5 | 21.5 | 15.5 |
| M20 | RGM20S1C | 1.5 | 26 | 18.5 |
| M25 | RGM25S1C | 1.5 | 31.5 | 23.3 |
| M32 | RGM32S1C | 1.5 | 38.5 | 30.5 |
| M40 | RGM40S1C | 1.5 | 48.5 | 38.5 |
| M50 | RGM50S1C | 1.5 | 58 | 48 |
| M63 | RGM63S1C | 1.5 | 70 | 61.2 |
| M75 | RGM75S1C | 1.5 | 86 | 74.5 |
| M90 | RGM90S1C | 1.5 | 102 | 89.5 |
| M110 | RGM1101C | 1.5 | 123 | 109.5 |

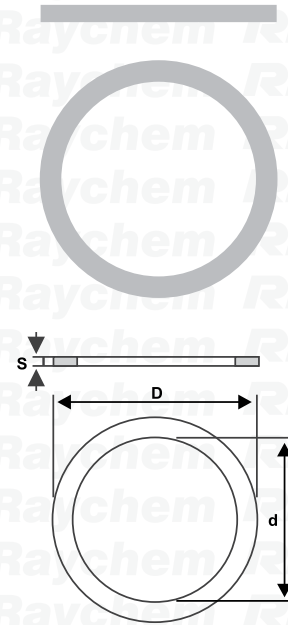
Ordering Information: For Silicon replace C with Si.



ACCESSORIES

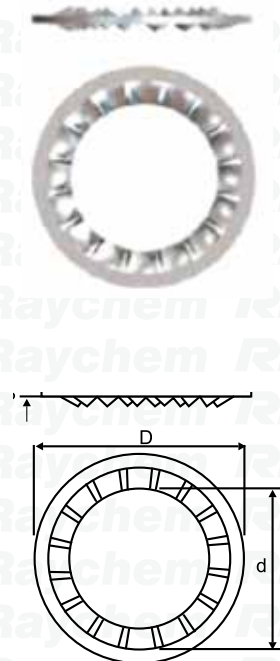
WASHER POLYAMIDE

| Material | Polyamide 6 (PA) | | | |
|----------|------------------|------------|--------|--------|
| Size | Washer Code | Dimensions | | |
| | | S (mm) | D (mm) | d (mm) |
| M20 | RWM20S1PA | 1.5 | 23.8 | 19.7 |
| M25 | RWM25S1PA | 1.5 | 32.2 | 24.7 |
| M32 | RWM32S1PA | 1.5 | 39.6 | 31.7 |
| M40 | RWM40S1PA | 1.5 | 49.6 | 39.7 |
| M50 | RWM50S1PA | 1.5 | 62 | 49.7 |
| M63 | RWM63S1PA | 1.5 | 78.4 | 62.7 |
| M75 | RWM75S1PA | 1.5 | 93.4 | 74.7 |
| M90 | RWM90S1PA | 1.5 | 112 | 89.7 |
| M110 | RWM1101PA | 1.5 | 124.6 | 99.7 |



WASHER SERRATED

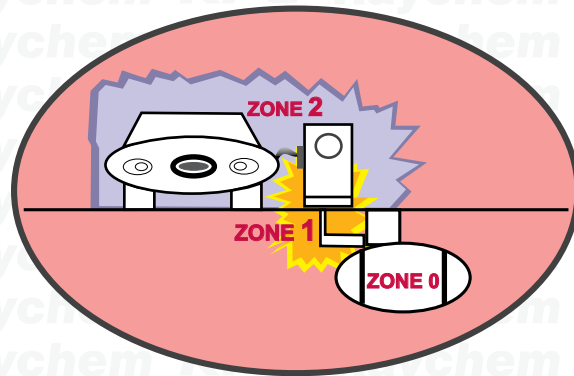
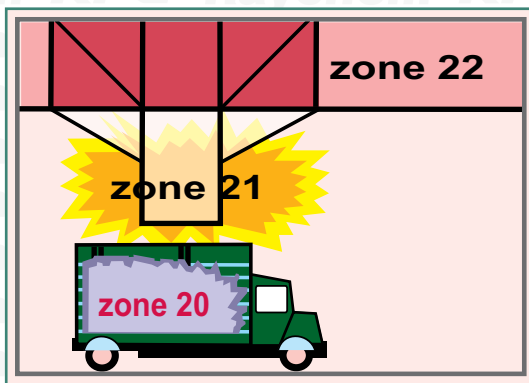
| Material | Brass / Nickel Plated Brass / Stainless Steel | | | | |
|----------|---|------------|--------|--------|-------|
| Size | Code | Dimensions | | | |
| | | S (mm) | D (mm) | d (mm) | |
| M12 | NPT 1/4" | RSWM12S1BR | 1.5 | 18 | 12.2 |
| M16 | NPT 3/8" | RSWM16S1BR | 1.5 | 24 | 16.2 |
| M20 | NPT 1/2" | RSWM20S1BR | 1.5 | 30 | 20.2 |
| M25 | NPT 3/4" | RSWM25S1BR | 1.5 | 38 | 25.3 |
| M32 | NPT 1" | RSWM32S1BR | 1.5 | 48 | 32.3 |
| M40 | NPT 1 1/4" | RSWM40S1BR | 1.5 | 60 | 40.3 |
| M50 | NPT 1 1/2" | RSWM50S1BR | 1.5 | 75 | 50.3 |
| M63 | NPT 2" | RSWM63S1BR | 1.5 | 95 | 63.4 |
| M75 | NPT 2 1/2" | RSWM75S1BR | 2.0 | 112 | 75.4 |
| M90 | NPT 3" | RSWM90S1BR | 2.0 | 135 | 90.4 |
| M110 | NPT 4" | RSWM1101BR | 2.5 | 154 | 110.4 |



Ordering Information: For Stainless Steel replace BR with SS and for Nickel Plated Brass replace BR with NI

EXPLOSION PROOF INFORMATION

FIRE EXPLOSION TRIANGLE



CABLE GLANDS FOR EX HAZARDOUS AREAS

Raychem RPG manufactures cable glands suitable for Ex Hazardous areas in which flammable substances (Oil & Gas) substantially exist in atmosphere, hence the potentially explosive atmospheres.

Our cable glands are suitable & compatible for the equipment / enclosures / function boxes with the Equipment Protection upto Ex d, Ex e and Ex tb.

| Equipment Protection | Description |
|---|--|
| Ex d: Flame proof / Explosion proof | Type of Equipment Protection in which parts (can ignite explosive atmospheres) to be placed in enclosure, which can withstand pressure developed during internal explosion and prevents the transmission of explosion to explosive gas atmosphere surrounding the enclosure. |
| Ex e: Increased safety | Type of equipment protection in which additional measures are applied so as to give increased security against the possibility of excessive temperatures and of the occurrence of arcs and sparks. |
| Ex tb: Dust ignition protection by enclosure | Type of equipment protection for explosive dust atmospheres where electrical equipment is provided with an enclosure providing dust ingress protection and means to limit surface temperatures. |

CERTIFICATION FOR E1RW/E1RU






IEC S.p.A.
Via Rubattino 54
20134 Milano (MI)
Tel. +39 02 733911
Fax. +39 02 733912
www.ies.com

CERTIFICATE



EC-TYPE EXAMINATION CERTIFICATE

Equipment or Protective System intended for use in potentially explosive atmospheres
Directive 94/EC

EC-Type Examination Certificate number:
CESI 15 ATEX 058 X

Equipment: Cable glands series DL, DL-LT (E1RW) and UL, UL-LT (E1RU)

Manufacturer: Raychem RPG Pvt Ltd.

Address: Cst. Mahal Annex 403, Dr. Annie Besant Road
Mumbai 400025, India

This equipment or protective system and any acceptable variation therein is specified in the schedule to this certificate and the documents therein referred to.

CESI, notified body n. 0722 in accordance with Article 9 of the Council Directive 94/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.
The examination and test results are recorded in confidential report n. EC-8502773.

Compliance with the Essential Health and Safety Requirements has been assessed by compliance with:
EN 60079-0:2012 EN 60079-1:2007 EN 60079-7:2007 EN 60079-31:2009

If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/EC. Further requirements of the Directive apply to the manufacturing process and supply of the equipment or protective system. These are not covered by this certificate.

The marking of the equipment or protective system shall include the following:

 HDGD Ex d IIC Gb and Ex e IIC Gb and Ex tb IIC Db IP66/68

This certificate may only be reproduced in its entirety and without any change, schedule included.
Date 2015.11.30 - Translation issued the 2015.11.30

Prepared
Alessandro Fedato


Verified
Mirko Balzo




Approved
Roberto Piccin


Page 1/6

Scheme of Certifications

CESI-A[EX



IECEx Certificate of Conformity


INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres
for rules and details of the IECEx Scheme visit www.ies.com

| | | | |
|--|--|-------------|---|
| Certificate No.: | IECEx CES 15.0025K | Issue No. 0 | <u>Certificate history:</u> Issue No. 0 (2015-12-18) |
| Status: | Current | Page 1 of 3 | |
| Date of Issue: | 2015-12-18 | | |
| Applicant: | Raychem RPG Pvt. Ltd. Cst. Mahal Annex 403 Dr. Annie Besant Road Mumbai 400025 India | | |
| Electrical Apparatus: | Cable glands, type DL, DL-LT (E1RW) and UL, UL-LT (E1RU) | | |
| Optional accessory: | | | |
| Type of Protection: | Flameproof enclosures 'V'; Increased safety 'V'; Dust ignition protection 'T' | | |
| Marking: | Ex d IIC Gb Ex e IIC Gb Ex tb IIC Db IP 66/68 | | |
| Approved for issue on behalf of the IECEx: | Mirko Balzo | | |
| Certification Body: | Head of IECEx CB | | |
| Position: | | | |
| Signature: (for printed version) | | | |
| Date: | | | |

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

CESI
Centro Elettrotecnico
Sperimentale Italiano S.p.A.
Via Rubattino 54
20134 Milano
Italy



CERTIFICATION FOR RA2

| | | | | |
|----------------------------------|---|--|--|------------|
| | | Organismo autorizzato n. 0001 con D.P.A. 14 aprile 2014 | Sezione 1 / Based on: _____ Data di approvazione / Issued on: _____ Indirizzo / Address: _____ | 0001-01-01 |
| Certificato / Certificate | | | | |
| [1] | Direttiva 94/9/CE Certificato di Esame CE del Tipo | | Direttiva 94/9/CE EC-Type Examination Certificate | |
| [2] | Apparecchiatura a sistema di protezione ad azione soffocante a struttura armonizzata esclusiva - Cattedra IMQ/CE / Equipment or Protective System intended for open or potentially explosive atmospheres - Cattedra IMQ/CE | | | |
| [3] | Numero del Certificato di Esame CE del Tipo / EC-Type Examination Certificate number | | | |
| | IMQ 15 ATEX 016 X | | | |
| [4] | Apparecchiatura / Equipment | | Tipo / Type - Serie / Series | |
| | Processori metallici / Metal cable glands | | RA2-EL... | |
| [5] | Costruttore / Manufacturer | | Sede/Seat / Address | |
| | Raychem RPG Pvt. Ltd. | | Coat Mahal Annex 403 Dr. Amal Basant Road Mumbai, 400025 - INDIA | |
| [7] | Questo apparecchio/a sistema di protezione è in conformità con i requisiti specificati nel presente certificato e nei documenti di riferimento. / This equipment or protective system is in conformity with the requirements specified in this certificate and the documents therein. | | This equipment or protective system and any applicable variation thereto are specified in the schedule to this certificate and the documents therein. | |
| [8] | L'IMQ, organismo notificato ai sensi dell'articolo 10 della Direttiva 94/9/CE del Consiglio dell'Unione Europea del 23 Marzo 1994, certifica che questo apparecchio/a sistema di protezione è conforme ai requisiti essenziali di sicurezza e salute per il progetto e la costruzione di apparecchiature e sistemi di protezione individuati nei documenti di riferimento e relativi ai requisiti definiti nel presente certificato. La conformità del prodotto durante tutto il suo ciclo di vita è garantita dal costruttore. / IMQ, notified body n. 0001, in accordance with Article 10 of the Council Directive 94/9/EC of 23 March 1994, certifies that the equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems, identified in the documents specified in the schedule to this certificate. The conformity and test results are recorded in a confidential report etc. | | IMQ, notified body n. 0001, in accordance with Article 10 of the Council Directive 94/9/EC of 23 March 1994, certifies that the equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems, identified in the documents specified in the schedule to this certificate. The conformity and test results are recorded in a confidential report etc. | |
| | AT15A0024004-01 | | | |
| [9] | La conformità ai requisiti Generali di Sicurezza e Salute è assicurata dalle certificazioni: / Compliance with Essential Health and Safety Requirements has been assured by certification with: | | EN 60079-0:2012; EN 60079-1:2004; EN 60079-7:2007; EN 60079-31:2014 | |
| [10] | Il presente "X" indica che il prodotto è conforme ai requisiti essenziali di sicurezza e salute per il progetto e la costruzione di apparecchiature e sistemi di protezione individuati nei documenti di riferimento e relativi ai requisiti definiti nel presente certificato. / If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate. | | EN 60079-0:2012; EN 60079-1:2004; EN 60079-7:2007; EN 60079-31:2014 | |
| [11] | Questo CERTIFICATO DI ESAME CE DEL TIPO è valido soltanto se il progettista, installatore ed altro (ovvero l'apparecchiatura o sistema di protezione specificati in accordo con la Direttiva 94/9/CE), rispetta i requisiti di questo Certificato di Esame CE del Tipo, e rispetta i requisiti di questo Certificato di Esame CE del Tipo, e rispetta i requisiti di questo Certificato di Esame CE del Tipo, e rispetta i requisiti di questo Certificato di Esame CE del Tipo. / The EC-TYPE EXAMINATION CERTIFICATE remains valid only if the design, construction and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate. | | The EC-TYPE EXAMINATION CERTIFICATE remains valid only if the design, construction and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate. | |
| [12] | L'apparecchiatura o sistema di protezione deve includere i seguenti contenuti: / The marking of the equipment or protective system shall include the following: | | EN 60079-0:2012; EN 60079-1:2004; EN 60079-7:2007; EN 60079-31:2014 | |
| | II 3GD | | Ex e IIC Gb; Ex d IIC Gb Ex Ib IIC Gb IP66/68 | |
| | | | | |
| | Periodo di validità del Certificato di Esame CE del Tipo: / Validity period of the EC-Type Examination Certificate: | | 1/1 | |
| | Questo certificato, allegato incluso, può essere ristampato solo integralmente e senza alcuna modifica. / This certificate may only be reprinted in its entirety and without any change, unless indicated. | | | |
| | Mod. 0079-9 | | | |

| | | | |
|---|---|--|--|
| | | IECEx Certificate of Conformity | |
| INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres <small>for rules and details of the IECEx Scheme visit www.iecex.com</small> | | | |
| Certificate No.: | IECEx SMC 15.00001 | Issue No. 0 | Certificate history: Issue No. 0 (2015-12-16) |
| Status: | Current | Page 1 of 3 | |
| Date of Issue: | 2015-12-16 | | |
| Applicant: | Raychem RPG Pvt. Ltd. Coat Mahal Annex 403 Dr. Amal Basant Road Mumbai, 400025 India | | |
| Electrical Apparatus: | Metal cable glands for circular cables series RA2-EL... | | |
| Optional Accessory: | | | |
| Type of Protection: | Ex e, Ex ic, Ex Ib | | |
| Marking: | Ex e IIC Gb Ex ic IIC Gb Ex Ib IIC Gb IP66/68 | | |
| Approved for issue on behalf of the IECEx: | Mr. Mauro CASARE | | |
| Certification Body: | IMQ ExCB Manager | | |
| Position: | | | |
| Signature: | _____ | | |
| (for printed version) | | | |
| Date: | _____ | | |
| 1. This certificate and schedule may only be reproduced in full. 2. This certificate is not transferable and remains the property of the issuing body. 3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website. | | | |
| Certificate issued by: | | | |
| Istituto Italiano del Marchio di Qualità S.p.A. Via Galvani 43 20136 Milano, Italy | | | |
| | | | |

Raychem RPG

ENGINEERING GROWTH . PIONEERING EXCELLENCE

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Email : cableglands@raychemrpg.com

www.raychemrpg.com

