



A Tyco Electronics USA Joint Venture

Technical Data Sheet

For

E1RW Atex Cable Gland




(A TE Connectivity - RPG Enterprises JV)



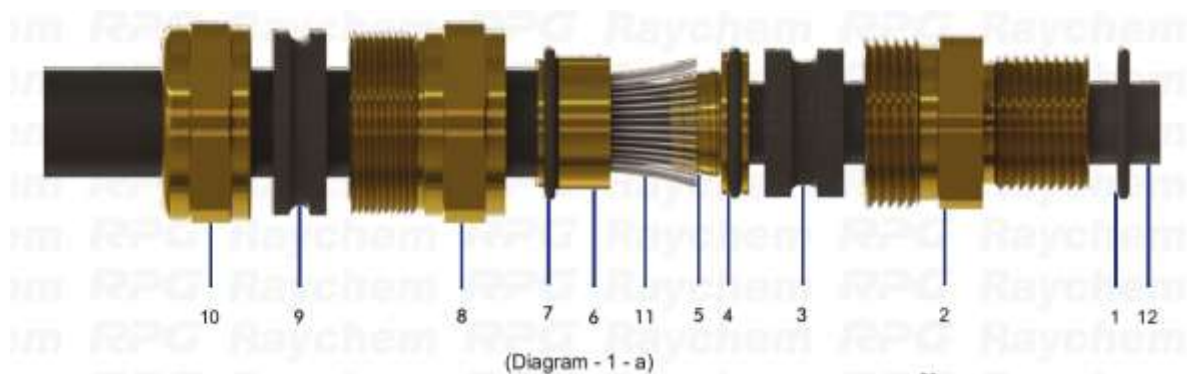
Raw Material Specification E1RW Atex Cable Gland:

Raychem RPG Manufacturers E1RW Atex Cable Gland as per the requirement of EN 60079-0:2012; EN 60079-1:2007; EN 60079-7:2007; EN 60079-31:2009;

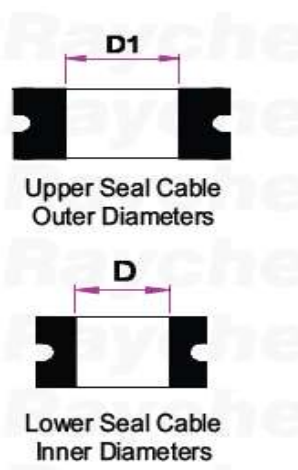
Technical Data:

Equipment	Gas Group	Dust Group
	Zone 1 /Zone 2	Zone 21 / Zone 22
Suitable for use	Group II	Group III
	Gas Group IIC	Dust Group IIIC
For	Gas & Dust potentially explosive atmospheres	
Level of Protection	IP 66 /68	
Certificate No.	CESI 15 ATEX 058X , IECEx CES 15.0020X	
Marking	 II 2GD Ex d IIC Gb / Ex e IIC Gb / Ex tb IIIC Db IP 66/68	
Cable Type	SWA/AWA	
Seal Operating Temperature	Chloroprene	-40°C /+100°C
	Silicone	-60°C /+ 130°C
Material	Brass , Stainless steel, Nickel plated Brass , Galvanized steel	
Thread type	Metric (M) ISO Pitch 1.5 ; NPT (N) ANSI ASME B1.20.1 Other thread type also available upon request.	

Exploded View Of E1RW Cable gland:



Item	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



Product Code Table: METRIC

Thread type.	E1RW cable gland code	Clamping range	
		Cable bidding dia D mm	Over all cable dia D1 mm
M16x1.5	DLM16S1NIC	3-8.5	6-12
M16x1.5	DLM16S2NIC	6-12	8.5-16
M20x1.5	DLM20S1NIC	3-8.5	6-12
M20x1.5	DLM20S2NIC	6-12	8.5-16
M20x1.5	DLM20S3NIC	12-14.5	16-20
M25x1.5	DLM25X1NIC	3-8.5	6-12
M25x1.5	DLM25S1NIC	6-12	8.5-16
M25x1.5	DLM25S2NIC	12-16	16-21
M25x1.5	DLM25S3NIC	12-20	16-26
M32x1.5	DLM32X1NIC	6-12	8.5-16
M32x1.5	DLM32S1NIC	12-20	16-26
M32x1.5	DLM32S2NIC	15-26	20-33
M40x1.5	DLM40x1NIC	12-20	16-26
M40x1.5	DLM40S1NIC	15-26	20-33
M40x1.5	DLM40S2NIC	20-32	29-41
M50x1.5	DLM50X1NIC	15-26	20-33
M50x1.5	DLM50X2NIC	20-32	29-41
M50x1.5	DLM50S1NIC	22-35	33-48
M50x1.5	DLM50S2NIC	27-41	36-52
M63x1.5	DLM63X1NIC	22-35	33-48
M63x1.5	DLM63X2NIC	27-41	36-52
M63x1.5	DLM63S1NIC	35-45	43-57
M63x1.5	DLM63S2NIC	40-52	47-60
M75x1.5	DLM75X1NIC	35-45	43-57
M75x1.5	DLM75S1NIC	40-52	47-60
M75x1.5	DLM75S2NIC	45-60	54-70
M90x1.5	DLM90X1NIC	40-52	47-60
M90x1.5	DLM90S1NIC	45-60	54-70
M90x1.5	DLM90S2NIC	60-72	63-80
M110x1.5	DLM1101NIC	45-60	54-70
M110x1.5	DLM1102NIC	60-72	63-80

Product Code Table: NPT

Thread type.	E1RW cable gland code	Clamping range	
		Cable bidding dia D mm	Over all cable dia D1 mm
NPT3/8"	DLN38S1NIC	3-8.5	6-12
NPT3/8"	DLN38S2NIC	6-12	8.5-16
NPT1/2"	DLN12S1NIC	3-8.5	6-12
NPT1/2"	DLN12S2NIC	6-12	8.5-16
NPT1/2"	DLN12S3NIC	12-14.5	16-20
NPT3/4"	DLN34X1NIC	3-8.5	6-12
NPT3/4"	DLN34S1NIC	6-12	8.5-16
NPT3/4"	DLN34S2NIC	12-16	16-21
NPT3/4"	DLN34S3NIC	12-20	16-26
NPT1"	DLN01X1NIC	6-12	8.5-16
NPT 1"	DLN01S1NIC	12-20	16-26
NPT 1"	DLN01S2NIC	15-26	20-33
NPT1 1/4"	DLN114X1NIC	12-20	16-26
NPT1 1/4"	DLN1141NIC	15-26	20-33
NPT1 1/4"	DLN1142NIC	20-32	29-41
NPT 1 1/2"	DLN112X1NIC	15-26	20-33
NPT 1 1/2"	DLN112X2NIC	20-32	29-41
NPT 1 1/2"	DLN1121NIC	22-35	33-48
NPT 1 1/2"	DLN1122NIC	27-41	36-52
NPT2"	DLN02X1NIC	22-35	33-48
NPT2"	DLN02X2NIC	27-41	36-52
NPT2"	DLN02S1NIC	35-45	43-57
NPT2"	DLN02S2NIC	40-52	47-60
NPT2 1/2"	DLN212X1NIC	35-45	43-57
NPT2 1/2"	DLN2121NIC	40-52	47-60
NPT2 1/2"	DLN2122NIC	45-60	54-70
NPT3"	DLN03X1NIC	40-52	47-60
NPT3"	DLN03S1NIC	45-60	54-70
NPT3"	DLN03S2NIC	60-72	63-80
NPT3 1/2"	DLN3121NIC	45-60	54-70
NPT3 1/2"	DLN3122NIC	60-72	63-80