

E1FX CABLE GLAND

Suitable for Steel Wire Armoured (SWA) cables



Info

- Flameproof
- Zone 1, Zone 2, Zone 21 and Zone 22 Hazardous Areas
- Restricted Breathing



Application range

- The CMP E1FX Tri-Star Cable Gland is suitable for use with all forms of equipment protection permitted in Zone 1, Zone 2, Zone 21, and Zone 22, provided always that the prevailing code of practice for selection and installation is observed, e.g. IEC 60079-14

Product features

- CMP Type E1FX Tri-Star Triple Certified Flameproof (Type d), Increased Safety (Type e), and Restricted Breathing (Type nR) cable gland for use in Zone 1, Zone 2, Zone 21, and Zone 22 Hazardous Areas with Steel Wire Armour (SWA) cable
- Provides a Flameproof seal on the cable inner bedding
- Gas tight seal has been tested to prove compatibility with Restricted Breathing equipment
- Allows mechanical cable retention and earth continuity via the cable armour termination

Norm references / Approvals

- ATEX Certification: SIRA06ATEX 1097X Code of Protection Category: ATEX II 2GD/3GD Ex d IIC, Ex e II, Ex nR II, Ex tD A21 IP66, - Equipment Zone 1, Zone 2, Zone 21, and Zone 22, - Gas Groups IIA, IIBII C, ATEX IM2 Ex d I / Ex e I Compliance Standards: EN 60079-0:2004, EN 60079-1:2004, EN 60079-7:2003, EN 60079-15:2003, EN 61241-0:2004, EN 61241-1:2004

- IECEx Approval Number: IECEx SIR 06.0043X Code of Protection Category: Ex d IIC, Ex e II, Ex nR II, Ex tD A21 IP66, Ex d I, Ex e I Compliance Standards: IEC 60079-0:2004, IEC 60079-1:2003, IEC 60079-7:2001, IEC 60079-15:2005, IEC 61241-0:2004, IEC 61241-1:2004
- GOST R Certificate Number: POCB.05.B01912 Code of Protection Category: Ex d IIC U / Ex e II UGOST Compliance Standards: OCT P 52350.0-2005, OCT P 52350.1-2005, OCT P 52350.7-2005.
- GGTN Permit Number: PPC 00-18262 GOST K Certificate Number: K Z 7500052.05.01.00063 RoK Permit for Use Number: 08-067693
- INMETRO / UC Approval: MC, AEX -7618-X Code of Protection Category: BR-Ex d IIC / BR-Ex e II / IP66W Compliance Standards: IEC 60079-0/00, IEC 60079-1/01, IEC 60079-7/01, and NBR IEC 60529/05

Product Make-up

- E1FX Tri-Star Type
- BS 6121: Part 1: 1989, EN 50262: 1999

Technical data

Classification
ETIM 5.0 Class-Description: Cable screw gland
ETIM 5.0 Class-ID: EC000441

Note
Cable Type: Wire Braid Armour, Screened Flexible Wire Braid (e.g. CY/SY), Pliable Wire Armour (PWA), Steel Tape Armour (STA), Aluminium Strip Armour (ASA), Armoured and Acketed Armour Clamping: Detachable armour cone and anyway universal clamping ring Sealing Technique: CMP inner displacement and unique CMP LRS™ outer seal - Load Retention Seal Sealing Areas: Cable inner bedding and cable outer sheath Optional Accessories: Locknut, Shourd, Entry thread sealing washer, Serrated washer, Earth tag, Adaptot/Reducer

Material
Body: Brass Seal: CMP SOLO LSF Thermoplastic Elastomer

IP
IP66 as standard, IP67 / IP68 available on request. Deluge Proof when fitted with optional CMP O-ring in the cable gland body joint

Temperature range
-60°C up to +130°C

Article number	Article designation / size	Metric	Cable bedding diameter (mm)	Armour range (mm)	Overall cable diameter (mm)	Approx. weight (kg)
E1FX CABLE GLAND						
3804480	20S/16	M20	3.1 - 8.7	0.9 - 1.0	6.1 - 11.5	0.2
3804481	20S	M20	6.1 - 11.7	0.9 - 1.3	9.5 - 15.9	0.2
3804482	20	M20	6.5 - 14.0	0.9 - 1.3	12.5 - 20.9	0.2
3804483	25S	M25	11.1 - 20.0	1.3 - 1.6	14.0 - 22.0	0.3
3804484	25	M25	11.1 - 20.0	1.3 - 1.6	18.2 - 26.2	0.3
3804485	32	M32	17.0 - 26.3	1.6 - 2.0	23.7 - 33.9	0.5
3804486	40	M40	22.0 - 32.2	1.6 - 2.0	27.9 - 40.4	0.7
3804487	50S	M50	29.5 - 38.2	2.0 - 2.5	35.2 - 46.7	0.8
3804488	50	M50	35.6 - 44.1	2.0 - 2.5	40.4 - 53.1	0.8
3804489	63S	M63	40.1 - 50.0	2.0 - 2.5	45.6 - 59.4	1
3804490	63	M63	47.2 - 56.0	2.0 - 2.5	54.6 - 65.9	2
3804491	75S	M75	52.8 - 62.0	2.0 - 2.5	59.0 - 72.1	2
3804492	75	M75	59.1 - 68.0	2.0 - 2.5	66.7 - 78.5	3
3804493	90	M90	66.6 - 80.0	3.2	76.2 - 90.4	4

• If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
• Photographs are not to scale and do not represent detailed images of the respective products.