

## E1FU CABLE GLAND

Suitable for Steel Wire Armoured (SWA) cables



**Info**

- Suitable for SWA, STA, AWA, ASA, and PWA armour cables
- Flameproof
- Zone 1, Zone 2, Zone 21 and Zone 22 Hazardous Areas
- Restricted Breathing

### Application range

- The CMP E1FW 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 E1FW 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

### Approvals (Norm references)

- 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 Z one 1, Z one 2, Z one 21, and Z one 22, - Gas Groups IIA, IIB II 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 06.0043<sub>x</sub>  
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: POCC GB. 05.B01912  
Code of Protection Category: Ex d IIC U / Ex e II U  
GOST 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

### Product Make-up

- E1FW Tri-Star Type
- BS 6121: Part 1: 1989, EN 50262: 1999

### Technical data



**Note**

Cable Type: Steel Wire Armour (SWA), Aluminium Wire Armour (AWA), Steel Tape Armour (STA), Wire Braid Armour, Aluminium Strip Armour (ASA), Pliable Wire Armour (PWA), Screened Flexible Wire Braid (e.g. CY/SY), Armoured jacketed  
Armour Clamping: Reversible 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



**Protection rating**

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)
3804440	20S/16	M20	3.1 - 8.7	0.9 - 1.0	6.1 - 11.5	0,2
3804441	20S	M20	6.1 - 11.7	0.9 - 1.25	9.5 - 15.9	0,2
3804442	20	M20	6.5 - 14.0	0.9 - 1.25	12.5 - 20.9	0,2
3804443	25S	M25	11.1 - 20.0	1.25 - 1.6	14 - 22	0,3
3804444	25	M25	11.1 - 20.0	1.25 - 1.6	18.2 - 26.2	0,3
3804445	32	M32	17.0 - 26.3	1.6 - 2.0	23.7 - 33.9	0,5
3804446	40	M40	22.0 - 32.2	1.6 - 2.0	27.9 - 40.4	0,7
3804447	50S	M50	29.5 - 38.2	2.0 - 2.5	35.2 - 46.7	0,8
3804448	50	M50	35.6 - 44.1	2.0 - 2.5	40.4 - 53.1	0,8
3804449	63S	M63	40.1 - 50.0	2.0 - 2.5	45.6 - 59.4	1,4
3804450	63	M63	47.2 - 56.0	2.0 - 2.5	54.6 - 65.9	1,5
3804451	75S	M75	52.8 - 62.0	2.0 - 2.5	59 - 72.1	2,2
3804452	75	M75	59.1 - 68.0	2.0 - 2.5	66.7 - 78.5	2,8
3804453	90	M90	66.6 - 80.0	3.15	76.2 - 90.4	4,4

Photographs are not to scale and do not represent detailed images of the respective products.