

CMP-40E1FU Art. No. 246290



- Ex d and Ex e cable gland for all armoured cables: SWA, wire-braid and tape made of steel or aluminium
- Explosion-protected displacement seal for the outer cable sheath, controlled outer load retention seal
- Internationally certified in accordance with IECEx, ATEX and cCSAus, EMC-tested

MY R. STAHL E1FUA



The Series E1FU metal Ex d and Ex e cable glands are suitable for all types of armoured cables, i.e. for SWA, wire-braid and tape armouring made of steel and aluminium. They have a multifunctional holder for the armouring and various seals. They are also designed to prevent cold flow and are EMC-tested.

Technical Data

Explosion Protection

| | |
|--|--|
| Ex version | Ex e & Ex d & Ex nR & Ex ta |
| Application range (zones) | 1, 2, 20, 21, 22 |
| IECEX gas certificate | IECEX CML 18.0181X |
| IECEX gas explosion protection | Ex db IIC Gb |
| IECEX dust certificate | IECEX CML 18.0181X |
| IECEX dust explosion protection | Ex ta IIIC Da |
| IECEX firedamp certificate | IECEX SIM 14.0007 X |
| IECEX firedamp protection | Ex db I Mb |
| IECEX firedamp protection 2 | Ex eb I Mb |
| IECEX restricted breathing certificate | IECEX CML 18.0181X |
| IECEX restricted breathing | Ex nR IIC Gc |
| ATEX gas certificate | CML 18ATEX1324X |
| ATEX gas explosion protection | Ex II 2 G Ex db IIC Gb |
| ATEX dust certificate | CML 18ATEX1324X |
| ATEX dust explosion protection | Ex II 1 D Ex ta IIIC Da |
| ATEX firedamp certificate | CML 18ATEX1324X |
| ATEX firedamp protection | Ex I M2 Ex db I Mb |
| ATEX firedamp protection 2 | Ex I M2 Ex eb I Mb |
| ATEX restricted breathing certificate | CML 18ATEX4316X |
| ATEX restricted breathing | Ex II 3 G Ex nR IIC Gc |
| Notes | The product certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com) |

Ambient Conditions

| | |
|---------------------|--------------------|
| Ambient temperature | -60 °C ... +130 °C |
|---------------------|--------------------|

Mechanical Data

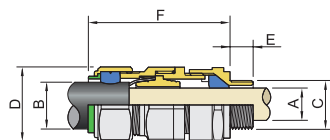
| | |
|---------------|----|
| Version | 40 |
| Strain relief | No |

CMP-40E1FU Art. No. 246290

Mechanical Data

| | |
|---------------------------|---|
| Degree of protection (IP) | IP66 |
| Degree of protection note | IP67 and IP68 mounting according to the specifications of the manufacturer, CMP. The specified degrees of protection are only fulfilled if CMP installation accessories are used. |
| Material note | (other materials available on request) |
| Sealing material | SOLO LSF |
| Material | Nickel-plated brass |
| Silicone-free | Yes |
| Clamping range | 27.9 – 40.4 mm |
| Armouring type | All armouring |
| Armouring type 2 | Without lead sheath |
| Armouring type 3 | With double seal |
| Clamping range | 27.9 ... 40.4 mm |
| Construction type | BS 6121, IEC/EN 62444 |
| Width across corners | 60.5 mm |
| Width across flats | 55 mm |
| Thread size | NPT1-1/4 |
| Thread length | 25.7 mm |
| Thread pitch | 11,5 TPI |
| Thread standard | NPT |
| Gland size | 40 |
| Grooved cone | 0.4 ... 1.6 mm |
| Stepped cone | 1.6 ... 2 mm |
| Inner sheath | 22 ... 32.1 mm |
| Outer sheath | 27.9 ... 40.4 mm |
| Protrusion length | 90 mm |
| Impact strength | 20 J |
| PVC boot | PVC15 |
| Lot size | 1 |
| Weight | 620 g |
| Weight | 1.37 lb |

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



A = Inner sheath
 B = Outer sheath
 C = Thread size
 D = Width across corners
 D = Width across flats
 E = Thread length
 F = Protrusion length

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.