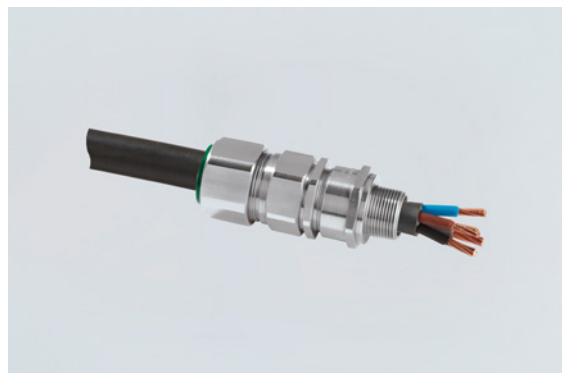


CMP-25E1FX Art. No. 246386



- Ex d and Ex e cable gland for cables with wire-braid and tape armouring 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 E1FXA



The Series E1FX Ex d and Ex e metal cable glands are suitable for special types of armoured cables: Wire-braid steel and aluminium armouring. They have a special 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 ( <a href="http://www.cmp-products.com">www.cmp-products.com</a> ) |

#### Ambient Conditions

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

#### Mechanical Data

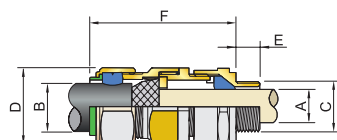
|                           |      |
|---------------------------|------|
| Version                   | 25   |
| Strain relief             | No   |
| Degree of protection (IP) | IP66 |

CMP-25E1FX Art. No. 246386

### Mechanical Data

|                           |   |
|---------------------------|---|
| Degree of protection note | IP67 and IP68 mounting according to the specifications of the manufacturer, CMP |
| Sealing material          | SOLO LSF  |
| Silicone-free             | Yes   |
| Clamping range            | 18.2 – 26.2 mm  |
| Armouring type            | Wire braid cable  |
| Armouring type 2          | Without lead sheath   |
| Clamping range            | 18.2 ... 26.2 mm  |
| Construction type         | BS 6121, IEC/EN 62444   |
| Width across corners      | 41.3 mm   |
| Width across flats        | 37.5 mm   |
| Thread size               | M25   |
| Thread length             | 15 mm   |
| Thread pitch              | 1,5   |
| Thread standard           | metric  |
| Gland size                | 25  |
| Grooved cone              | 0.4 ... 1.2 mm  |
| Inner sheath              | 11.1 ... 19.9 mm  |
| Outer sheath              | 18.2 ... 26.2 mm  |
| Protrusion length         | 89 mm   |
| Impact strength           | 20 J  |
| PVC boot                  | PVC09   |
| Lot size                  | 1   |
| Weight                    | 330 g   |
| Weight                    | 0.73 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.