

CMP-20E1FW Art. No. 246429



- Ex d and Ex e cable glands for cables with SWA
- Prevention of cold flow
- Internationally certified in accordance with IECEx, ATEX and cCSAus, EMC-tested

MY R. STAHL E1FWA



The Series E1FW metal Ex d and Ex e cable glands are suitable for special types of armoured cables: For SWA and tape armouring made of steel and aluminium. 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 (www.cmp-products.com) |

Ambient Conditions

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

Mechanical Data

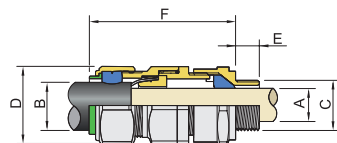
| | |
|---------------------------|------|
| Version | 20 |
| Strain relief | No |
| Degree of protection (IP) | IP66 |

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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 | 12.5 – 20.9 mm |
| Armouring type | Single-wire armouring |
| Armouring type 2 | Without lead sheath |
| Min. armour wire thickness | 0.8 mm |
| Max. armour wire thickness | 1.25 mm |
| Clamping range | 12.5 ... 20.9 mm |
| Construction type | BS 6121, IEC/EN 62444 |
| Width across corners | 33.6 mm |
| Width across flats | 30.5 mm |
| Thread size | M20 |
| Thread length | 15 mm |
| Thread pitch | 1,5 |
| Thread standard | metric |
| Gland size | 20 |
| Stepped cone | 0.8 ... 1.25 mm |
| Inner sheath | 6.5 ... 13.9 mm |
| Outer sheath | 12.5 ... 20.9 mm |
| Protrusion length | 73 mm |
| Impact strength | 20 J |
| PVC boot | PVC06 |
| Lot size | 1 |
| Weight | 210 g |
| Weight | 0.46 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.