

CMP-20S-TE1FU Art. No. 243494



- Ex d and Ex e cable entry for cables with SWA, braid- and tape-type steel and aluminium armouring
- Designed to prevent cold flow
- Compensating displacement seal (CDS), flood seal with integral protection, controlled outer load retention seal
- Worldwide certification in accordance with IECEx, ATEX and cCSAus, EMC-tested

WebCode **TE1FUA**



TE1FU series metal Ex d and Ex e cable entries are suitable for all types of armoured cables, i.e. for SWA, braid- and tape-type steel and aluminium armouring. They feature a multi-functional holder for the armouring and various seals. They are also designed to prevent cold flow and are EMC-tested. Their auxiliary functions and the sequential, three-stage installation offer increased safety and reduce the amount of time, the costs and the risks involved in installation.

Technical Data

Explosion Protection

Application range (zones)	1 2 20 21 22
IECEX gas certificate	IECEX CML 18.0183X
ATEX gas certificate	CML 18ATEX1326X
IECEX dust certificate	IECEX CML 18.0183X
ATEX dust certificate	CML 18ATEX1326X
IECEX firedamp certificate	IECEX SIM 14.0007 X
ATEX firedamp certificate	CML 18ATEX1326X
IECEX restricted breathing certificate	IECEX CML 18.0183X
ATEX restricted breathing certificate	CML 18ATEX4318X
Certificate EAC	TS RU S-GB.AA87.B.00487
Ambient temperature °C	-60 ... +130 °C
Gas explosion protection IECEx	Ex d IIC Gb
Gas explosion protection ATEX	⊕ II 2 G Ex d IIC Gb
Gas explosion protection EAC	⊠ 1 Ex d e IIC Gb X ⊠ 2 Ex nR IIC Gc X
Dust explosion protection IECEx	Ex ta IIIC Da
Dust explosion protection ATEX	⊕ II 1 D Ex ta IIIC Da
Dust explosion protection EAC	⊠ Ex ta IIIC Da X
Firedamp protection IECEx	Ex d I Mb
Firedamp protection ATEX	⊕ I M2 Ex d I Mb
Restricted breathing IECEx	Ex nR IIC Gc
Restricted breathing ATEX	⊕ II 3 G Ex nR IIC Gc

Explosion Protection

Gas explosion protection IECEx 2	Ex e IIC Gb
Gas explosion protection ATEX 2	⊕ II 2 G Ex e IIC Gb
Firedamp protection IECEx 2	Ex e I Mb
Firedamp protection ATEX 2	⊕ I M2 Ex e I Mb
Note	The product certification and certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com)

Electrical Data

Ex version	Ex e & Ex d & Ex nR & Ex ta
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Ambient Conditions

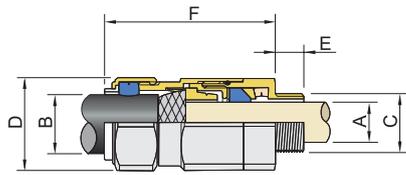
Ambient temperature	-60 °C ... +130 °C
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Mechanical Data

Degree of protection (IP)	IP66
Degree of protection note	IP67 and IP68 mounting in accordance with the specifications of the manufacturer, CMP
Sealing material	SOLO LSF
Material sealing ring	Viton
Material	Stainless steel
Silicone-free	Yes
Clamping range	9.5 – 15.9 mm
Clamping range max.	15.9 mm
Clamping range min.	9.5 mm
Armouring type	All armouring
Armouring type 2	Without lead sheath
Armouring type 3	With double seal
Construction type	BS 6121, IEC/EN 62444
Width across corners	26.4 mm
Width across flats	24 mm
Thread size	M20
Thread length	15 mm
Thread pitch	1,5
Thread standard	metric
Gland size	20s
Grooved cone	0.3 ... 1 mm
Stepped cone	0.8 ... 1.25 mm
Inner sheath	6.1 ... 11.6 mm
Outer sheath	9.5 ... 15.9 mm
Protrusion length	57.3 mm
PVC-shroud	PVC04
Lot size	1
Weight	0.15 kg

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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.