

CMP-20TE1FU Art. No. 246300



- Ex d and Ex e cable gland for armoured cables with SWA, wire-braid and tape armouring made of steel and aluminium
- Prevention of cold flow
- Compensating displacement seal (CDS), flood seal with integral protection, controlled outer load retention seal
- Internationally certified in accordance with IECEx, ATEX and cCSAus, EMC-tested

MY R. STAHL TE1FUA



The Series TE1FU 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. Their auxiliary functions and the sequential, three-stage installation offer increased safety and reduce the amount of time, costs and risks involved in installation.

### 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 18.0183X
IECEX gas explosion protection	Ex db IIC Gb
IECEX dust certificate	IECEX CML 18.0183X
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 18.0183X
IECEX restricted breathing	Ex nR IIC Gc
ATEX gas certificate	CML 18ATEX1326X
ATEX gas explosion protection	Ex II 2 G Ex db IIC Gb
ATEX dust certificate	CML 18ATEX1326X
ATEX dust explosion protection	Ex II 1 D Ex ta IIIC Da
ATEX firedamp certificate	CML 18ATEX1326X
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 18ATEX4318X
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
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#### Mechanical Data

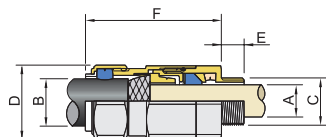
Version	20
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### Mechanical Data

Strain relief	No
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.
Sealing material	SOLO LSF
Sealing ring material	Viton
Material	Stainless steel
Silicone-free	Yes
Clamping range	12.5 – 20.9 mm
Armouring type	All armouring
Armouring type 2	Without lead sheath
Armouring type 3	With double seal
Clamping range	12.5 ... 20.9 mm
Construction type	BS 6121, IEC/EN 62444
Width across corners	33.6 mm
Width across flats	24 mm
Thread size	NPT1/2
Thread length	19.8 mm
Thread pitch	14 TPI
Thread standard	NPT
Gland size	20
Grooved cone	0.4 ... 1 mm
Stepped cone	0.8 ... 1.25 mm
Inner sheath	6.5 ... 13.9 mm
Outer sheath	12.5 ... 20.9 mm
Protrusion length	61.2 mm
Impact strength	20 J
PVC boot	PVC06
Lot size	1
Weight	230 g
Weight	0.51 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.