

CMP-63E1FU Art. No. 246294



- 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 ( <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

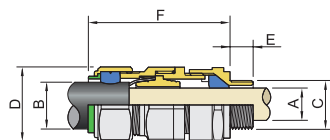
Version	63
Strain relief	No

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### 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	54.6 – 65.8 mm
Armouring type	All armouring
Armouring type 2	Without lead sheath
Armouring type 3	With double seal
Clamping range	54.6 ... 65.8 mm
Construction type	BS 6121, IEC/EN 62444
Width across corners	88 mm
Width across flats	80 mm
Thread size	NPT2-1/2
Thread length	39.9 mm
Thread pitch	8 TPI
Thread standard	NPT
Gland size	63
Grooved cone	0.6 ... 1.6 mm
Stepped cone	2 ... 2.5 mm
Inner sheath	47.2 ... 55.9 mm
Outer sheath	54.6 ... 65.8 mm
Protrusion length	104 mm
Impact strength	20 J
PVC boot	PVC25
Lot size	1
Weight	1.34 kg
Weight	2.95 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.