

CMP-63sE1FX Art. No. 246391



- Ex d and Ex e cable entry for cables with braid- and tape-type steel or aluminium armouring
- Explosion-protected displacement seal for the outer cable sheath, controlled outer load retention seal
- Worldwide certification in accordance with IECEx, ATEX and cCSAus, EMC-tested

MY R. STAHL E1FXA



E1FX series metal Ex d and Ex e cable entries are suitable for the following special types of armoured cables: braid-type steel and aluminium armouring. They feature 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 certification and certificates can be downloaded from the manufacturer's homepage ( <a href="http://www.cmp-products.com">www.cmp-products.com</a> )

#### Ambient Conditions

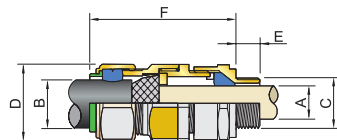
Ambient temperature	-60 °C ... +130 °C
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### Mechanical Data

Version	63s
Strain relief	No
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	Nickel-plated brass
Silicone-free	Yes
Clamping range	45.6 – 59.4 mm
Armouring type	Wire braid cable
Armouring type 2	Without lead sheath
Clamping range	45.6 ... 59.4 mm
Construction type	BS 6121, IEC/EN 62444
Width across corners	82.5 mm
Width across flats	75 mm
Thread size	M63
Thread length	15 mm
Thread pitch	1,5
Thread standard	Metric
Gland size	63s
Grooved cone	0.6 ... 1.6 mm
Inner sheath	40.1 ... 49.9 mm
Outer sheath	45.6 ... 59.4 mm
Protrusion length	102 mm
Impact strength	20 J
PVC boot	PVC23
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.