

CMP-50E1FX Art. No. 246390



- 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 (www.cmp-products.com)

Ambient Conditions

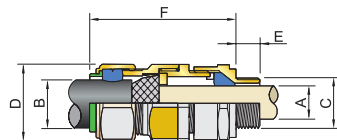
Ambient temperature	-60 °C ... +130 °C
---------------------	--------------------

CMP-50E1FX Art. No. 246390

Mechanical Data

Version	50
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	40.4 – 53 mm
Armouring type	Wire braid cable
Armouring type 2	Without lead sheath
Clamping range	40.4 ... 53 mm
Construction type	BS 6121, IEC/EN 62444
Width across corners	77.1 mm
Width across flats	70.1 mm
Thread size	M50
Thread length	15 mm
Thread pitch	1,5
Thread standard	Metric
Gland size	50
Grooved cone	0.6 ... 1.6 mm
Inner sheath	35.6 ... 44 mm
Outer sheath	40.4 ... 53 mm
Protrusion length	95 mm
Impact strength	20 J
PVC boot	PVC21
Lot size	1
Weight	950 g
Weight	2.09 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.