

CMP-50sE1FX Art. No. 246400



- Ex d and Ex e cable gland for cables with wire-braid and tape armouring 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 E1FXA



The Series E1FX Ex d and Ex e metal cable glands are suitable for special types of armoured cables: Wire-braid steel and aluminium armouring. They have 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 certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com)

Ambient Conditions

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

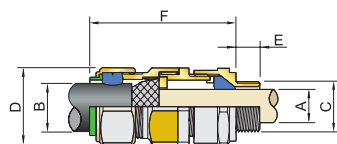
Version	50s
Strain relief	No
Degree of protection (IP)	IP66

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Mechanical Data

Degree of protection note	IP67 and IP68 mounting according to the specifications of the manufacturer, CMP
Sealing material	SOLO LSF
Silicone-free	Yes
Clamping range	35.2 – 46.7 mm
Armouring type	Wire braid cable
Armouring type 2	Without lead sheath
Clamping range	35.2 ... 46.7 mm
Construction type	BS 6121, IEC/EN 62444
Width across corners	66 mm
Width across flats	60 mm
Thread size	NPT1-1/2
Thread length	26.2 mm
Thread pitch	11,5 TPI
Thread standard	NPT
Gland size	50s
Grooved cone	0.4 ... 1.6 mm
Inner sheath	29.5 ... 38.1 mm
Outer sheath	35.2 ... 46.7 mm
Protrusion length	91 mm
Impact strength	20 J
PVC boot	PVC18
Lot size	1
Weight	750 g
Weight	1.65 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.