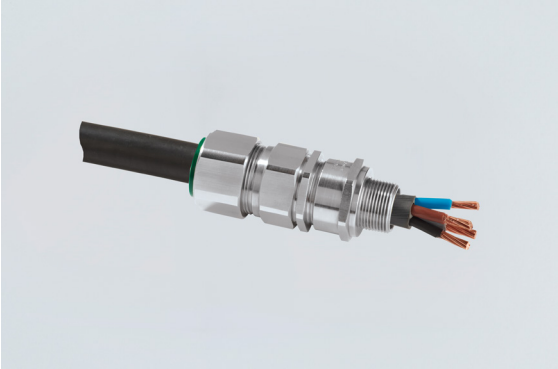
Installation Equipment and Accessories
Cable gland

CMP-20-E1FX Art. No. 246385



- 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

WebCode **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	
Application range (zones)	1 2 20 21 22
Certificate IECEX Gas	IECEx SIR 13.0026 X
Certificate ATEX Gas	SIRA 13 ATEX 1071 X
Certificate IECEX Dust	IECEx SIR 13.0026 X
Certificate ATEX Dust	SIRA 13 ATEX 1071 X
IECEX firedamp certificate	IECEx SIM 14.0007 X
ATEX firedamp certificate	SIRA 13 ATEX 1071 X
IECEX restricted breathing ce.	IECEx SIR 13.0026 X
ATEX restricted breathing cer.	SIRA 13 ATEX 4077 X
Ambient temperature °C	-60 … +130 °C
Gas explosion protection IECEx	Ex d IIC Gb
Gas explosion protection ATEX	II 2 G Ex d IIC Gb
Dust explosion protection IECEx	Ex ta IIIC Da
Dust explosion protection ATEX	II 1 D Ex ta IIIC Da
Firedamp protection IECEx	Ex d I Mb
Firedamp protection ATEX	I M2 Ex d I Mb
Restricted breathing IECEx	Ex nR IIC Gc
Restricted breathing ATEX	II 3 G Ex nR IIC Gc
Gas explosion protection IECEx 2	Ex e Gb
Gas explosion protection ATEX 2	II 2 G Ex e Gb
Firedamp protection IECEx 2	Ex e I Mb
Firedamp protection ATEX 2	I M2 Ex e I Mb

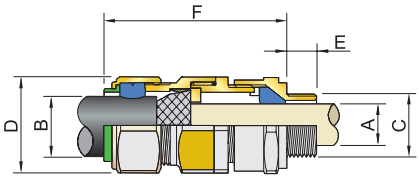
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Explosion Protection	
Note	The product certification and certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com)
Electrical Data	
Ex version	Ex e & Ex d & Ex nR & Ex ta
Ambient Conditions	
Min. ambient temperature	-60 °C
Max. ambient temperature	+130 °C
Ambient temperature	-60 °C ... +130 °C
Mechanical Data	
Degree of protection (IP)	IP66
Type 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	No
Clamping range	12.5 – 20.9 mm
Max. clamping range	20.9 mm
Min. clamping range	12.5 mm
Armouring type	Wire braid cable
Armouring type 2	Without lead sheath
Construction type	BS 6121, IEC/EN 62444
Width across corners	33.6 mm
Width across flats	30.5 mm
Thread size	M20
Thread length	15 mm
Thread pitch	1,5
Thread standard	metric
Gland size	20
Grooved cone	0.4 … 1 mm
Inner sheath	6.5 … 13.9 mm
Outer sheath	12.5 … 20.9 mm
Protrusion length	73 mm
PVC boot	PVC06
Lot size	1
Weight	0.21 kg

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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.