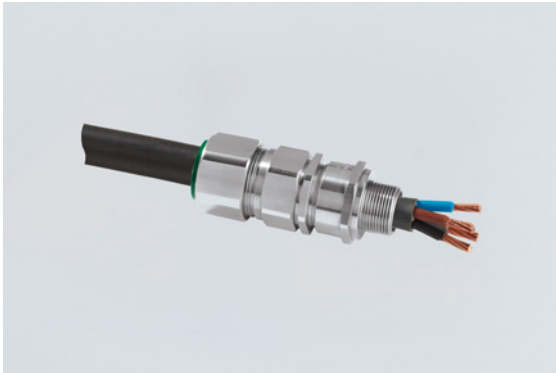


Cable Glands Ex e & Ex d & Ex nR & Ex ta

Series E1FX for Wire Braid / Steel Tape Armoured Cables

STAHL

E10



- 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.

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•	•	•	•

Selection Table										
Thread standard		Metric								
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Width across corners	Protrusion length	Grooved cone	PVC boot	Art. No.	Weight
20	M20	6.5 ... 13.9 mm	12.5 ... 20.9 mm	30.5 mm	33.6 mm	73 mm	0.4 ... 1 mm	PVC06	246385	210 g
20s/16	M20	3.1 ... 8.6 mm	6.1 ... 13.1 mm	24 mm	26.4 mm	72.5 mm	0.3 ... 1 mm	PVC04	246384	160 g
25	M25	11.1 ... 19.9 mm	18.2 ... 26.2 mm	37.5 mm	41.3 mm	89 mm	0.4 ... 1.2 mm	PVC09	246386	330 g
32	M32	17 ... 26.2 mm	23.7 ... 33.9 mm	46 mm	50.6 mm	86 mm	0.4 ... 1.2 mm	PVC11	246387	430 g
40	M40	22 ... 32.1 mm	27.9 ... 40.4 mm	55 mm	60.5 mm	90 mm	0.4 ... 1.6 mm	PVC15	246388	620 g
50	M50	35.6 ... 44 mm	40.4 ... 53 mm	70.1 mm	77.1 mm	95 mm	0.6 ... 1.6 mm	PVC21	246390	950 g
50s	M50	29.5 ... 38.1 mm	35.2 ... 46.7 mm	60 mm	66 mm	91 mm	0.4 ... 1.6 mm	PVC18	246389	750 g
63	M63	47.2 ... 55.9 mm	54.6 ... 65.8 mm	80 mm	88 mm	104 mm	0.6 ... 1.6 mm	PVC25	246392	1.34 kg
63s	M63	40.1 ... 49.9 mm	45.6 ... 59.4 mm	75 mm	82.5 mm	102 mm	0.6 ... 1.6 mm	PVC23	246391	1.34 kg
75	M75	59.1 ... 67.9 mm	66.7 ... 78.4 mm	100 mm	110 mm	117 mm	0.6 ... 1.6 mm	PVC30	246394	2.42 kg
75s	M75	52.8 ... 61.9 mm	59 ... 72 mm	90 mm	99 mm	115 mm	0.6 ... 1.6 mm	PVC28	246393	2.11 kg
Thread standard		NPT								
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Width across corners	Protrusion length	Grooved cone	PVC boot	Art. No.	Weight
20	NPT1/2	6.5 ... 13.9 mm	12.5 ... 20.9 mm	30.5 mm	33.6 mm	73 mm	0.4 ... 1 mm	PVC06	246396	210 g
20s	NPT1/2	6.1 ... 11.6 mm	9.5 ... 15.9 mm	24 mm	26.4 mm	70 mm	0.3 ... 1 mm	PVC04	251706	150 g
20s/16	NPT1/2	3.1 ... 8.6 mm	6.1 ... 13.1 mm	24 mm	26.4 mm	72.5 mm	0.3 ... 1 mm	PVC04	246395	160 g
25	NPT3/4	11.1 ... 19.9 mm	18.2 ... 26.2 mm	37.5 mm	41.3 mm	89 mm	0.4 ... 1.2 mm	PVC09	246397	330 g
25s	NPT3/4	11.1 ... 19.9 mm	14 ... 22 mm	37.5 mm	41.3 mm	89 mm	0.4 ... 1.2 mm	PVC09	251707	330 g
32	NPT1	17 ... 26.2 mm	23.7 ... 33.9 mm	46 mm	50.6 mm	86 mm	0.4 ... 1.2 mm	PVC11	246398	430 g
40	NPT1-1/4	22 ... 32.1 mm	27.9 ... 40.4 mm	55 mm	60.5 mm	90 mm	0.4 ... 1.6 mm	PVC15	246399	620 g

Selection Table

Thread standard		NPT								
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Width across corners	Protrusion length	Grooved cone	PVC boot	Art. No.	Weight
50	NPT2	35.6 ... 44 mm	40.4 ... 53 mm	70.1 mm	77.1 mm	95 mm	0.6 ... 1.6 mm	PVC21	246401	950 g
50s	NPT1-1/2	29.5 ... 38.1 mm	35.2 ... 46.7 mm	60 mm	66 mm	91 mm	0.4 ... 1.6 mm	PVC18	246400	750 g
63	NPT2-1/2	47.2 ... 55.9 mm	54.6 ... 65.8 mm	80 mm	88 mm	104 mm	0.6 ... 1.6 mm	PVC25	246403	1.34 kg

Grooved cone: for cables with braid- or tape-type armouring

Technical Data
Explosion Protection

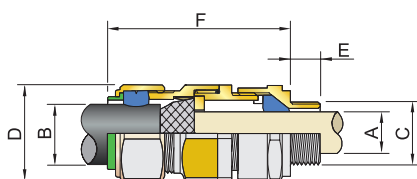
IECEX gas explosion protection	Ex db IIC Gb
IECEX dust explosion protection	Ex ta IIIC Da
IECEX firedamp protection	Ex db I Mb
IECEX firedamp protection 2	Ex eb I Mb
IECEX restricted breathing	Ex nR IIC Gc
ATEX gas explosion protection	⊕ II 2 G Ex db IIC Gb
ATEX dust explosion protection	⊕ II 1 D Ex ta IIIC Da
ATEX firedamp protection	⊕ I M2 Ex db I Mb
ATEX firedamp protection 2	⊕ I M2 Ex eb I Mb
ATEX restricted breathing	⊕ 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)
Ex version	Ex e & Ex d & Ex nR & Ex ta

Ambient Conditions

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

Degree of protection (IP)	IP66
Degree of protection note	IP67 and IP68 mounting in accordance with the specifications of the manufacturer, CMP
Material	Nickel-plated brass
Sealing material	SOLO LSF
Armouring type	Wire braid cable

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