

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

Series PX2K for all Armouring without Lead Sheath, Compound

STAHL

E10



- Ex d and Ex e cable entry for all armoured cables: SWA, braid- and tape-type steel or aluminium armouring
- Sealing: Explosion-protected seal with compound, controlled outer load retention seal and flood seal with integral protection
- Worldwide certification in accordance with IECEx, ATEX, UL and cCSAus, EMC-tested

MY R. STAHL PX2KA



PX2K series metal Ex d and Ex e barrier cable entries are suitable for all types of armoured cables, i.e. for SWA, braid- and tape-type steel and aluminium armouring. They are equipped with a compound barrier. They feature a multi-functional holder for the armouring and various seals. They are also EMC-tested.

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

Selection Table										
Thread standard			Metric							
Gland size	Thread size	Inner sheath	Max. number of cores	Outer sheath	Width across flats	Grooved cone	Stepped cone	PVC boot	Art. No.	Weight
20	M20	12.6 mm	11	12.5 ... 20.9 mm	30.5 mm	0.4 ... 1 mm	0.8 ... 1.25 mm	PVC06	109428	240 g
20s	M20	11.7 mm	11	9.5 ... 15.9 mm	30.5 mm	0.3 ... 1 mm	0.8 ... 1.25 mm	PVC06	109427	230 g
20s/16	M20	11.7 mm	11	6.1 ... 13.1 mm	30.5 mm	0.3 ... 1 mm	0.8 ... 1.25 mm	PVC06	109426	240 g
25	M25	17.5 mm	21	18.2 ... 26.2 mm	37.5 mm	0.4 ... 1.2 mm	1.25 ... 1.6 mm	PVC09	243533	370 g
25s	M25	17.5 mm	21	14 ... 22 mm	37.5 mm	0.4 ... 1.2 mm	1.25 ... 1.6 mm	PVC09	243532	370 g
32	M32	23.6 mm	38	23.7 ... 33.9 mm	46 mm	0.4 ... 1.2 mm	1.6 ... 2 mm	PVC11	109430	570 g
40	M40	30 mm	59	27.9 ... 40.4 mm	55 mm	0.4 ... 1.6 mm	1.6 ... 2 mm	PVC15	109431	800 g
50	M50	41 mm	89	40.4 ... 53 mm	70 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC21	109433	1.19 kg
50s	M50	36.6 mm	89	35.2 ... 46.7 mm	60 mm	0.4 ... 1.6 mm	2 ... 2.5 mm	PVC18	109432	900 g
63	M63	53.7 mm	115	54.6 ... 65.9 mm	80 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC25	109435	1.41 kg
63s	M63	47.9 mm	115	45.6 ... 59.4 mm	75 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC23	109434	1.39 kg
75	M75	64.2 mm	140	66.7 ... 78.4 mm	100 mm	0.6 ... 1.6 mm	2.5 ... 3 mm	PVC30	109437	2.54 kg
75s	M75	59.9 mm	140	59 ... 72 mm	90 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC28	109436	2.09 kg
Thread standard			NPT							
Gland size	Thread size	Inner sheath	Max. number of cores	Outer sheath	Width across flats	Grooved cone	Stepped cone	PVC boot	Art. No.	Weight
20	NPT1/2	12.6 mm	11	12.5 ... 20.9 mm	30.5 mm	0.4 ... 1 mm	0.8 ... 1.25 mm	PVC06	246361	240 g
20s/16	NPT1/2	11.7 mm	11	6.1 ... 13.1 mm	30.5 mm	0.3 ... 1 mm	0.8 ... 1.25 mm	PVC06	246360	240 g
25	NPT3/4	17.5 mm	21	18.2 ... 26.2 mm	37.5 mm	0.4 ... 1.2 mm	1.25 ... 1.6 mm	PVC09	246362	370 g
32	NPT1	23.6 mm	38	23.7 ... 33.9 mm	46 mm	0.4 ... 1.2 mm	1.6 ... 2 mm	PVC11	246363	570 g
40	NPT1-1/4	30 mm	59	27.9 ... 40.4 mm	55 mm	0.4 ... 1.6 mm	1.6 ... 2 mm	PVC15	246364	800 g

Selection Table

Thread standard		NPT								
Gland size	Thread size	Inner sheath	Max. number of cores	Outer sheath	Width across flats	Grooved cone	Stepped cone	PVC boot	Art. No.	Weight
50	NPT2	41 mm	89	40.4 ... 53 mm	70 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC21	246366	1.19 kg
50s	NPT1-1/2	36.6 mm	89	35.2 ... 46.7 mm	60 mm	0.4 ... 1.6 mm	2 ... 2.5 mm	PVC18	246365	900 g
63	NPT2-1/2	53.7 mm	115	54.6 ... 65.9 mm	80 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC25	246368	1.41 kg

Additional variants available with NPT thread type.
Versions with country code BRA, CHN, UKCA and others available on request.

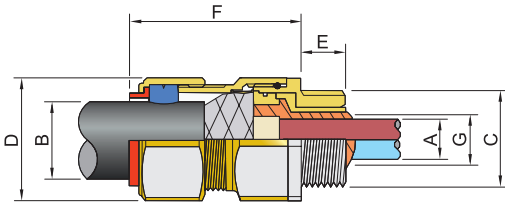
Grooved cone: for cables with braid- or tape-type armouring
Stepped cone: for cables with wire armouring (SWA)

Technical Data

Explosion Protection	
IECEX gas explosion protection	Ex db IIC Gb
IECEX gas explosion protection 2	Ex eb 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 gas explosion protection 2	Ⓜ II 2 G Ex eb 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 ... +85 °C
Mechanical Data	
Degree of protection (IP)	IP66
Degree of protection note	IP67 and IP68 mounting in accordance with the specifications of the manufacturer, CMP. The specified degrees of protection are only fulfilled if CMP installation accessories are used.
Material	Nickel-plated brass
Material note	Stainless steel variants also available
Sealing material	SOLO LSF
Armouring type	All armouring
Construction type	BS 6121, IEC/EN 62444
Silicone-free	Yes
Impact strength	20 J

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

E10



A = Max. inner sheath
G = Max. internal conduit diameter B = Outer sheath
C = Thread size D = Width across corners
D = Width across flats E = Thread length
F = Protrusion length