

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

Series PX2K REX for all Armouring without Lead Sheath, RapidEx



E10



- Greater reliability: Flood seal with integral protection, controlled outer load retention seal and over-rotation protection
- “RapidEx” compound barrier for easy installation and greater reliability
- Worldwide certification in accordance with IECEx, ATEX and cCSAus, EMC-tested

MY R. STAHL PX2KB



PX2K REX series metal Ex d and Ex e barrier cable entries are suitable for cables with SWA, braid- and tape-type steel and aluminium armouring. They are sealed by means of a liquid compound barrier (“RapidEx”), which reduces the amount of time, the costs and the risks involved in installation and affords increased reliability. 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	0 ... 0 mm	21	12.5 ... 20.9 mm	30.5 mm	0.4 ... 1 mm	0.8 ... 1.25 mm	PVC06	246649	240 g
20s/16	M20	0 ... 0 mm	21	6.1 ... 13.1 mm	30.5 mm	0.3 ... 1 mm	0.8 ... 1.25 mm	PVC06	246648	240 g
25	M25	0 ... 0 mm	30	18.2 ... 26.2 mm	37.5 mm	0.4 ... 1.2 mm	1.25 ... 1.6 mm	PVC09	246650	370 g
32	M32	0 ... 0 mm	50	23.7 ... 33.9 mm	46 mm	0.4 ... 1.2 mm	1.6 ... 2 mm	PVC11	246651	570 g
40	M40	0 ... 30 mm	59	27.9 ... 40.4 mm	55 mm	0.4 ... 1.6 mm	1.6 ... 2 mm	PVC15	246652	800 g
50	M50	0 ... 41 mm	115	40.4 ... 53 mm	70 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC21	246654	1.19 kg
50s	M50	0 ... 36.6 mm	89	35.2 ... 46.7 mm	60 mm	0.4 ... 1.6 mm	2 ... 2.5 mm	PVC18	246653	900 g
63	M63	0 ... 53.7 mm	115	54.6 ... 65.8 mm	80 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC25	246656	1.41 kg
63s	M63	0 ... 47.9 mm	115	45.6 ... 59.4 mm	75 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC23	246655	1.39 kg
75	M75	0 ... 64.2 mm	140	66.7 ... 78.4 mm	100 mm	0.6 ... 1.6 mm	2.5 ... 3 mm	PVC30	246658	2.54 kg
75s	M75	0 ... 59.9 mm	140	59 ... 72 mm	90 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC28	246657	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	0 ... 12.6 mm	21	12.5 ... 20.9 mm	30.5 mm	0.4 ... 1 mm	0.8 ... 1.25 mm	PVC06	246660	240 g
20s/16	NPT1/2	0 ... 11.7 mm	21	6.1 ... 13.1 mm	30.5 mm	0.3 ... 1 mm	0.8 ... 1.25 mm	PVC06	246659	240 g
25	NPT3/4	0 ... 17.5 mm	30	18.2 ... 26.2 mm	37.5 mm	0.4 ... 1.2 mm	1.25 ... 1.6 mm	PVC09	246661	370 g
32	NPT1	0 ... 23.6 mm	50	23.7 ... 33.9 mm	46 mm	0.4 ... 1.2 mm	1.6 ... 2 mm	PVC11	246662	570 g
40	NPT1-1/4	0 ... 30 mm	59	27.9 ... 40.4 mm	55 mm	0.4 ... 1.6 mm	1.6 ... 2 mm	PVC15	246663	800 g
50	NPT2	0 ... 41 mm	115	40.4 ... 53 mm	70 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC21	246665	1.19 kg

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
50s	NPT1-1/2	0 ... 36.6 mm	89	35.2 ... 46.7 mm	60 mm	0.4 ... 1.6 mm	2 ... 2.5 mm	PVC18	246664	900 g
63	NPT2-1/2	0 ... 53.7 mm	115	54.6 ... 65.8 mm	80 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC25	246667	1.41 kg
63s	NPT2	0 ... 47.9 mm	115	45.6 ... 59.4 mm	75 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC23	246666	1.39 kg
75	NPT3	0 ... 64.2 mm	140	66.7 ... 78.4 mm	100 mm	0.6 ... 1.6 mm	2.5 ... 3 mm	PVC30	246669	2.54 kg
75s	NPT2-1/2	0 ... 59.9 mm	140	59 ... 72 mm	90 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC28	246668	2.09 kg

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

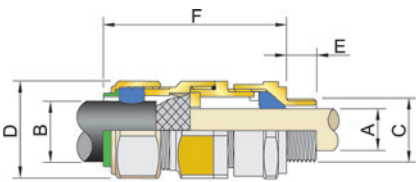
Grooved cone: for cables with braid- or tape-type armouring
Stepped cone: for cables with wire armouring (SWA)

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	Ex II 2 G Ex db IIC Gb
ATEX gas explosion protection 2	Ex II 2 G Ex eb IIC Gb
ATEX dust explosion protection	Ex II 1 D Ex ta IIIC Da
ATEX firedamp protection	Ex I M2 Ex db I Mb
ATEX firedamp protection 2	Ex I M2 Ex eb I Mb
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)
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
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