

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

Series PXSS2K REX for Unarmoured Cable, RapidEx



E10



- “RapidEx” compound barrier for easy installation and greater reliability
- Sealing for the outer cable sheath provided by an explosion-protected displacement seal
- Worldwide certification in accordance with IECEx, ATEX and cCSAus

MY R. STAHL PXSS2KB



PXSS2K REX series metal Ex d and Ex e barrier cable entries are suitable for unarmoured cables and cables with wire-braid 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 displacement seal for the outer cable sheath coupled with a double flood seal with integral protection.

	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	PVC boot	Art. No.	Weight
20	M20	12.6 mm	11	6.5 ... 14 mm	30 mm	PVC06	246605	200 g
20s/16	M20	8.6 mm	11	3.1 ... 8.6 mm	30 mm	PVC06	246604	200 g
25	M25	17.5 mm	21	11.1 ... 20 mm	36 mm	PVC09	246606	330 g
32	M32	23.6 mm	38	17 ... 26.3 mm	41 mm	PVC10	246607	590 g
40	M40	30 mm	59	22 ... 32.1 mm	50 mm	PVC13	246608	560 g
50	M50	41 mm	89	35.6 ... 44 mm	60 mm	PVC18	246610	730 g
50s	M50	36.6 mm	89	29.5 ... 38.2 mm	55 mm	PVC15	246609	660 g
63	M63	53.7 mm	115	47.2 ... 55.9 mm	75 mm	PVC23	246612	1.06 kg
63s	M63	47.9 mm	115	40.1 ... 49.9 mm	75 mm	PVC21	246611	1.07 kg
75	M75	64.3 mm	140	59.1 ... 67.9 mm	85 mm	PVC27	246614	1.3 kg
75s	M75	59.9 mm	140	52.8 ... 61.9 mm	80 mm	PVC25	246613	1.3 kg
Thread standard		NPT						
Gland size	Thread size	Inner sheath	Max. number of cores	Outer sheath	Width across flats	PVC boot	Art. No.	Weight
20	NPT1/2	12.6 mm	11	6.5 ... 14 mm	30 mm	PVC06	246616	200 g
20s/16	NPT1/2	8.6 mm	11	3.1 ... 8.6 mm	30 mm	PVC06	246615	200 g
25	NPT3/4	17.5 mm	21	11.1 ... 20 mm	36 mm	PVC09	246617	330 g
32	NPT1	23.6 mm	38	17 ... 26.3 mm	41 mm	PVC10	246618	590 g
40	NPT1-1/4	30 mm	59	22 ... 32.1 mm	50 mm	PVC13	246619	560 g
50	NPT2	41 mm	89	35.6 ... 44 mm	60 mm	PVC18	246621	730 g
50s	NPT1-1/2	36.6 mm	89	29.5 ... 38.2 mm	55 mm	PVC15	246620	660 g

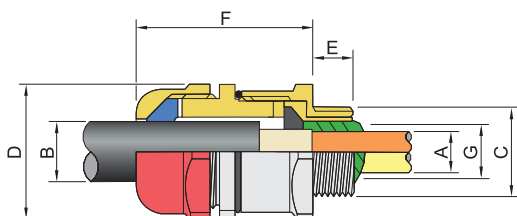
Selection Table

Thread standard		NPT						
Gland size	Thread size	Inner sheath	Max. number of cores	Outer sheath	Width across flats	PVC boot	Art. No.	Weight
63	NPT2-1/2	53.7 mm	115	47.2 ... 55.9 mm	75 mm	PVC23	246623	1.06 kg
63s	NPT2	47.9 mm	115	40.1 ... 49.9 mm	70 mm	PVC21	246622	1.07 kg
75	NPT3	64.3 mm	140	59.1 ... 67.9 mm	85 mm	PVC27	246625	1.3 kg
75s	NPT2-1/2	59.9 mm	140	52.8 ... 61.9 mm	80 mm	PVC25	246624	1.3 kg

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

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
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
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	Unarmoured cable types
Construction type	BS 6121, IEC/EN 62444
Silicone-free	Yes
Impact strength	20 J

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


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