

Cable glands Ex e & Ex d & Ex nR & Ex ta

Series PXSS2K for unarmoured cables, compound

STAHL



- Cable gland for unarmoured cables and cables with wire-braid armouring
- Designed to prevent coldflow
- Internationally certified in accordance with IECEx, ATEX, UL and cCSAus

E10

MY R. STAHL PXSS2KA



The Series PXSS2K metal Ex d and Ex e barrier cable glands are suitable for unarmoured cables or cables with wire-braid armouring. They are equipped with a compound barrier. They have a displacement seal for the outer cable sheath, combined 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. internal conduit diameter	Max. number of cores	Outer sheath	Width across flats	PVC boot	Art. No.	Weight
20	M20	12.6 mm	12.9 mm	11	6.5 ... 14 mm	30 mm	PVC06	109441	200 g
20s	M20	11.7 mm	11.7 mm	11	6.1 ... 11.7 mm	30 mm	PVC06	109440	200 g
20s/16	M20	8.6 mm	8.6 mm	11	3.1 ... 8.6 mm	30 mm	PVC06	109439	200 g
25	M25	17.5 mm	17.9 mm	21	11.1 ... 20 mm	36 mm	PVC09	109442	330 g
32	M32	23.6 mm	23.6 mm	38	17 ... 26.3 mm	41 mm	PVC10	109443	390 g
40	M40	30 mm	30.3 mm	59	22 ... 32.1 mm	50 mm	PVC13	109444	560 g
50	M50	41 mm	41.3 mm	89	35.6 ... 44 mm	60 mm	PVC18	109446	730 g
50s	M50	36.6 mm	36.9 mm	89	29.5 ... 38.2 mm	55 mm	PVC15	109445	660 g
63	M63	53.7 mm	54 mm	115	47.2 ... 55.9 mm	75 mm	PVC23	109448	1.06 kg
63s	M63	47.9 mm	48.4 mm	115	40.1 ... 49.9 mm	70.1 mm	PVC21	109447	1.07 kg
75	M75	64.3 mm	64.2 mm	140	59.1 ... 67.9 mm	85 mm	PVC27	109450	1.3 kg
75s	M75	59.9 mm	60.2 mm	140	52.8 ... 61.9 mm	80 mm	PVC25	109449	1.3 kg
Thread standard		NPT							
Gland size	Thread size	Inner sheath	Max. internal conduit diameter	Max. number of cores	Outer sheath	Width across flats	PVC boot	Art. No.	Weight
20	NPT1/2	12.6 mm	12.9 mm	11	6.5 ... 14 mm	30 mm	PVC06	246337	200 g
20s/16	NPT1/2	8.6 mm	8.6 mm	11	3.1 ... 8.6 mm	30 mm	PVC06	246336	200 g
25	NPT3/4	17.5 mm	17.9 mm	21	11.1 ... 20 mm	36 mm	PVC09	246338	330 g
32	NPT1	23.6 mm	23.9 mm	38	17 ... 26.3 mm	41 mm	PVC10	246339	390 g
40	NPT1-1/4	30 mm	30.3 mm	59	22 ... 32.1 mm	50 mm	PVC13	246340	560 g
50	NPT2	41 mm	41.3 mm	115	35.6 ... 44 mm	60 mm	PVC18	246342	730 g

Selection Table

Thread standard		NPT							
Gland size	Thread size	Inner sheath	Max. internal conduit diameter	Max. number of cores	Outer sheath	Width across flats	PVC boot	Art. No.	Weight
50s	NPT1-1/2	36.6 mm	36.9 mm	89	29.5 ... 38.2 mm	55 mm	PVC15	246341	660 g
63	NPT2-1/2	53.7 mm	54 mm	115	47.2 ... 55.9 mm	75 mm	PVC23	246344	1.06 kg

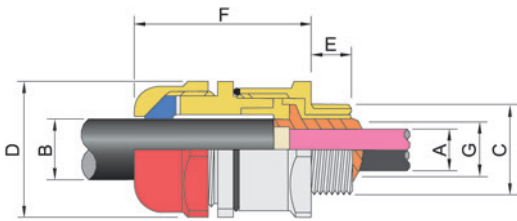
Additional variants available with NPT thread type.
Versions with country codes BRA, CHN and others available on request.

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
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 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 according to 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	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

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