

# Installation equipment and accessories

## Cable gland With RapidEx compound



CMP-50PXSS2KREX Art. No. 246621



- "RapidEx" compound barrier for simple installation and increased reliability
- Outer cable sheath sealed by an explosion-protected displacement seal
- Internationally certified in accordance with IECEx, ATEX and cCSAus

MY R. STAHL PXSS2KB



The Series PXSS2K REX metal Ex d and Ex e cable glands are suitable for unarmoured cables or cables with wire-braid armouring. They are sealed by means of a liquid compound barrier ("RapidEx"), which reduces the amount of time, costs and risks involved in installation and offers increased reliability. They have a displacement seal for the outer cable sheath, combined with a double flood seal with integral protection.

### Technical Data

#### Explosion Protection

Ex version	Ex e & Ex d & Ex nR & Ex ta
Application range (zones)	1, 2, 20, 21, 22
IECEX gas certificate	IECEX CML 18.0182X
IECEX gas explosion protection	Ex db IIC Gb
IECEX dust certificate	IECEX CML 18.0182X
IECEX dust explosion protection	Ex ta IIIC Da
IECEX firedamp certificate	IECEX SIM 14.0008 X
IECEX firedamp protection	Ex db I Mb
IECEX firedamp protection 2	Ex eb I Mb
IECEX restricted breathing certificate	IECEX CML 18.0182X
IECEX restricted breathing	Ex nR IIC Gc
ATEX gas certificate	CML 18ATEX1325X
ATEX gas explosion protection	Ex II 2 G Ex db IIC Gb
ATEX dust certificate	CML 18ATEX1325X
ATEX dust explosion protection	Ex II 1 D Ex ta IIIC Da
ATEX firedamp certificate	CML 18ATEX1325X
ATEX firedamp protection	Ex I M2 Ex db I Mb
ATEX firedamp protection 2	Ex I M2 Ex eb I Mb
ATEX restricted breathing certificate	CML 18ATEX4317X
ATEX restricted breathing	Ex II 3 G Ex nR IIC Gc
Notes	The product certificates can be downloaded from the manufacturer's homepage ( <a href="http://www.cmp-products.com">www.cmp-products.com</a> )

#### Ambient Conditions

Ambient temperature	-60 °C ... +85 °C
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#### Mechanical Data

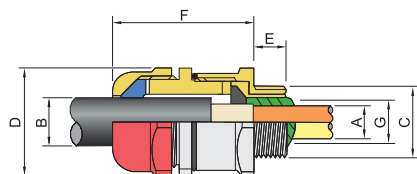
Version	50
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### Mechanical Data

Strain relief	No
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.
Degree of protection (IP) UL	IP66
Sealing material	SOLO LSF
Sealing ring material	Viton
Material	Nickel-plated brass
Silicone-free	Yes
Clamping range	35.6 – 44 mm
Armouring type	Unarmoured cable types
Clamping range	35.6 ... 44 mm
Max. number of cores	89
Construction type	BS 6121, IEC/EN 62444
Width across corners	66 mm
Width across flats	60 mm
Thread size	NPT2
Thread length	26.9 mm
Thread pitch	11,5 TPI
Thread standard	NPT
Gland size	50
Inner sheath	41 mm
Max. internal conduit diameter	41.3 mm
Outer sheath	35.6 ... 44 mm
Protrusion length	67.6 mm
Impact strength	20 J
PVC boot	PVC18
Lot size	1
Weight	730 g
Weight	1.61 lb

### 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

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.