

CMP-25PX2K Art. No. 246362



- 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.

### 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 certificate 2	IECEX SIM 14.0008 X
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 CML 18.0182X
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 certificate 2	CML 18ATEX4317X
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 18ATEX1325X
ATEX restricted breathing	Ex II 3 G Ex nR IIC Gc

# Installation Equipment and Accessories

## Cable gland with compound



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### Explosion Protection

Notes	The product certification and certificates can be downloaded from the manufacturer's homepage ( <a href="http://www.cmp-products.com">www.cmp-products.com</a> )
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### Ambient Conditions

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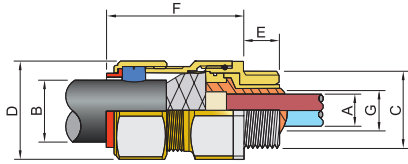
### Mechanical Data

Version	25
Strain relief	No
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.
Degree of protection (IP) UL	IP66
Sealing material	SOLO LSF
Sealing ring material	Viton
Material	Nickel-plated brass
Silicone-free	Yes
Number of cables	1
Clamping range	18.2 – 26.2 mm
Armouring type	All armouring
Armouring type 2	Without lead sheath
Armouring type 3	With barrier seal
Max. armour wire thickness	999.99 mm
Clamping range	18.2 ... 26.2 mm
Max. number of cores	21
Construction type	BS 6121, IEC/EN 62444
Width across corners	41.3 mm
Width across flats	37.5 mm
Thread size	NPT3/4
Thread length	20.2 mm
Thread pitch	14 TPI
Thread standard	NPT
Gland size	25
Grooved cone	0.4 ... 1.2 mm
Stepped cone	1.25 ... 1.6 mm
Inner sheath	17.5 mm
Max. internal conduit diameter	17.9 mm
Outer sheath	18.2 ... 26.2 mm
Protrusion length	69.5 mm
Impact strength (IEC 60079)	7 J
Impact strength	20 J
PVC boot	PVC09
Lot size	1
Weight	370 g
Weight	0.82 lb

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### 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.