

CMP-50PX2K Art. No. 109433



- Ex d and Ex e cable gland for all armoured cables: SWA, wire-braid and tape made of steel or aluminium
- Seal: Explosion-protected seal with compound, controlled outer load retention seal, flood seal with integral protection
- Internationally certified in accordance with IECEx, ATEX, UL and cCSAus, EMC-tested

MY R. STAHL PX2KA



The Series PX2K metal Ex d and Ex e barrier cable glands are suitable for all types of armoured cables, i.e. for SWA, wire-braid and tape armouring made of steel and aluminium. They are equipped with a compound barrier. They have a multifunctional 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	⊕ II 2 G Ex db IIC Gb
ATEX dust certificate	CML 18ATEX1325X
ATEX dust explosion protection	⊕ II 1 D Ex ta IIIC Da
ATEX firedamp certificate	CML 18ATEX1325X
ATEX firedamp protection	⊕ I M2 Ex db I Mb
ATEX firedamp protection 2	⊕ I M2 Ex eb I Mb
ATEX restricted breathing certificate	CML 18ATEX1325X
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)
Ambient Conditions	
Ambient temperature	-60 °C ... +85 °C

Installation equipment and accessories

Cable gland with compound



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Mechanical Data

Version	50
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
Number of cables	1
Clamping range	40.4 – 53 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	40.4 ... 53 mm
Max. number of cores	89
Construction type	BS 6121, IEC/EN 62444
Width across corners	77 mm
Width across flats	70 mm
Thread size	M50
Thread length	15 mm
Thread pitch	1,5
Thread standard	metric
Gland size	50
Grooved cone	0.6 ... 1.6 mm
Stepped cone	2 ... 2.5 mm
Inner sheath	41 mm
Max. internal conduit diameter	41.3 mm
Outer sheath	40.4 ... 53 mm
Protrusion length	77 mm
Impact strength (IEC 60079)	7 J
Impact strength	20 J
PVC boot	PVC21
Lot size	1
Weight	1.19 kg
Weight	2.62 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.