Installation Equipment and Accessories
Cable gland With RapidEx compound

STAHL

CMP-20PX2KREX   Art. No. 246649

- Greater reliability: Flood seal with integral protection, controlled outer load retention seal and over-rotation protection
- "RapidEx" compound barrier for easy installation and greater reliability
- Worldwide certification in accordance with IECEx, ATEX and cCSAus, EMC-tested

MY R. STAHL PX2KB

Ex

PX2K REX series metal Ex d and Ex e barrier cable entries are suitable for cables with SWA, braid- and tape-type steel and aluminium 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 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 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 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 18ATEX4317X
ATEX restricted breathing	⟨Ex⟩ II 3 G Ex nR IIC Gc

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Explosion Protection

Notes	The product certification and certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com)

Ambient Conditions

Ambient temperature	-60 °C ... +85 °C

Mechanical Data

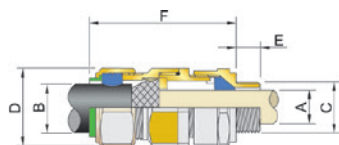|	
Version	20
Strain relief	No
Degree of protection (IP)	IP66
Degree of protection note	IP67 and IP68 mounting in accordance with the specifications of the manufacturer, CMP. The specified degrees of protection are only fulfilled if CMP installation accessories are used.
Degree of protection (IP) UL	IP66
Sealing material	SOLO LSF
Material	Nickel-plated brass
Silicone-free	Yes
Halogen-free	Yes
Number of cables	1
Clamping range	12.5 – 20.9 mm
Armouring type	All armouring
Armouring type 2	Without lead sheath
Armouring type 3	With barrier seal
Clamping range	12.5 ... 20.9 mm
Max. number of cores	21
Construction type	BS 6121, IEC/EN 62444
Width across corners	33.6 mm
Width across flats	30.5 mm
Thread size	M20
Thread length	15 mm
Thread pitch	1,5
Thread standard	metric
Gland size	20
Grooved cone	0.4 … 1 mm
Stepped cone	0.8 … 1.25 mm
Inner sheath	0 … 0 mm
Max. internal conduit diameter	0 mm
Min. inner conduit diameter	0 mm
Outer sheath	12.5 … 20.9 mm
Min. outer conduit diameter	0 mm
Max. external conduit diameter	0 mm
Protrusion length	63 mm
Impact strength (IEC 60079)	7 J
Impact strength	20 J
PVC boot	PVC06
Lot size	1
Weight	240 g

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Mechanical Data

Weight	0.53 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.