Installation equipment and accessories

Cable gland With RapidEx compound



CMP-50PX2KREX Art. No. 246665



- Improved reliability: Flood seal with integral protection, controlled outer load retention seal, over-rotation protection
- "RapidEx" compound barrier for simple installation and increased reliability
- Internationally certified in accordance with IECEx, ATEX and cCSAus, EMC-tested

MY R. STAHL PX2KB



The Series PX2K REX metal Ex d and Ex e barrier cable glands are suitable for cables with SWA, wire-braid and tape armouring made of steel and aluminium. 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 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 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	© 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	
ATEX firedamp protection 2	© I M2 Ex eb I Mb
ATEX restricted breathing certificate	CML 18ATEX4317X
ATEX restricted breathing	
Notes	The product certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com)
Ambient Conditions	
Ambient temperature	-60 °C +85 °C
Mechanical Data	
Version	50

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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 Material Nickel-plated brass Silicone-free Yes Halogen-free Yes Number of cables 1 Clamping range 40.4 – 53 mm Armouring type All armouring Armouring type 3 With barrier seal Clamping range 40.4 53 mm Max. number of cores 115 Construction type BS 6121, IEC/EN 62444 Width across corners 77 mm Width across flats 70 mm Thread size NPT2 Thread ploth 11,5 TPI Thread size NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 0 2.5 mm Inner sheath 0 4.1 mm Max. external conduit diameter	Mechanical Data	
Degree of protection note	Strain relief	No
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. IP66 Sealing material SOLO LSF Material Nickel-plated brass Silicione-free Yes Number of cables 1 Clamping range 40.4 – 53 mm Armouring type All armouring type All armouring type 2 Without lead sheath Armouring type 3 With barrier seal Clamping range 40.4 53 mm Max. number of cores Construction type BS 6121, IEC/EN 62444 Width across corners 77 mm Width across flats 70 mm Thread size NPT2 Thread length 11,5 TPI Thread pitch 11,5 TPI Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 0.0 41 mm Max. internal conduit diameter 0 mm Min. inner conduit diameter 0 mm Min. inner conduit diameter 0 mm Min. outer conduit diameter 0 mm Protrusion length 1 20 J PVC boot PVC21 Lot size 1 Weight 1.19 kg	Degree of protection (IP)	IP66
Sealing material SOLO LSF Material Nickel-plated brass Silicone-free Yes Halogen-free Yes Number of cables 1 Clamping range 40.4 – 53 mm Armouring type All armouring Armouring type 3 Without lead sheath Armouring type 3 With barrier seal Clamping range 40.4 53 mm Max. number of cores 115 Construction type BS 6121, IEC/EN 62444 Width across corners 77 mm Width across fats 70 mm Thread size NPT2 Thread length 26.9 mm Thread plotch 11,5 TPI Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Min. outer conduit diameter 0 mm Min. outer conduit diameter 0 mm Min. outer conduit diameter	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 Silicone-free Yes Halogen-free Yes Halogen-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 Clamping range 40.4 53 mm Max. number of cores 115 Construction type BS 6121, IEC/EN 62444 Width across corners 77 mm Width across falls 70 mm Thread size NPT2 Thread length 28.9 mm Thread pitch 11,5 TPI Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 4.1 mm Max. internal conduit diameter 0 mm Min. outer conduit diameter 0 mm Min. outer conduit diameter 0 mm Min. outer conduit diameter	Degree of protection (IP) UL	IP66
Silicone-free Yes Halogen-free Yes Number of cables 1 Clamping range 40.4 – 53 mm Armouring type All armouring Armouring type 3 With out lead sheath Armouring type 3 With barrier seal Clamping range 40.4 53 mm Max. number of cores 115 Construction type BS 6121, IEC/EN 62444 Width across corners 77 mm Width across corners 77 mm Width across flats 70 mm Thread size NPT2 Thread length 26.9 mm Thread length 11,5 TPI Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Min. outer conduit diameter 0 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 mm Max. external conduit diame	Sealing material	SOLO LSF
Halogen-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 Clamping range 40.4 53 mm Max. number of cores 115 Construction type BS 6121, IEC/EN 62444 Width across corners 77 mm Width across flats 70 mm Thread size NPT2 Thread length 26.9 mm Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Min. outer conduit diameter 0 mm Min. outer conduit diameter 0 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 mm Protrusion length 77 mm Impact strength (IEC 60079) 7 J Impact strength (IEC 60079) 7 J Impact strength (IEC 60079) 7 J Impact strength (IEC 60079) PVC21 Lot size 1 1	Material	Nickel-plated brass
Number of cables 1 Clamping range 40.4 – 53 mm Armouring type All armouring Armouring type 2 With but lead sheath Armouring type 3 With barrier seal Clamping range 40.4 53 mm Max. number of cores 115 Construction type BS 6121, IEC/EN 62444 Width across corners 77 mm Width across flats 70 mm Thread size NPT2 Thread length 26.9 mm Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Min. inner conduit diameter 0 mm Min. outer conduit diameter 0 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 mm Max. external conduit diameter 0 mm Mexity of the conduit diameter 0 mm PVCD boot PVC21	Silicone-free	Yes
Clamping range 40.4 – 53 mm Armouring type All armouring Armouring type 2 Without lead sheath Armouring type 3 With barrier seal Clamping range 40.4 53 mm Max. number of cores 115 Construction type BS 6121, IEC/EN 62444 Width across corners 77 mm Width across flats 70 mm Thread size NPT2 Thread elength 26.9 mm Thread pitch 11,5 TPI Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Win. inner conduit diameter 0 mm Outer sheath 40.4 53 mm Min. outer conduit diameter 0 mm Mix. external conduit diameter 0 mm Protrusion length 77 mm Impact strength (IEC 60079) 7 J Impact strength 20 J PVC	Halogen-free	Yes
Armouring type	Number of cables	1
Armouring type 2 Without lead sheath Armouring type 3 With barrier seal Clamping range 40.4 53 mm Max. number of cores 115 Construction type BS 6121, IEC/EN 62444 Width across corners 77 mm Width across flats 70 mm Thread size NPT2 Thread length 26.9 mm Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Outer sheath 40.4 53 mm Min. outer conduit diameter 0 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 mm Protrusion length 7 mm Impact strength (IEC 60079) 7 J Impact strength 20 J PVC boot PVC21 L	Clamping range	40.4 – 53 mm
Armouring type 3 With barrier seal Clamping range 40.4 53 mm Max. number of cores 115 Construction type BS 6121, IEC/EN 62444 Width across corners 77 mm Width across flats 70 mm Thread size NPT2 Thread length 26.9 mm Thread pitch 11,5 TPI Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Min. inner conduit diameter 0 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 mm Min. outer conduit diameter 0 mm Min. outer strength (IEC 60079) 7 J Impact strength 20 J PVC boot PVC21 Lot size 11 Weight 1.19 kg	Armouring type	All armouring
Clamping range 40.4 53 mm Max. number of cores 115 Construction type BS 6121, IEC/EN 62444 Width across corners 77 mm Width across flats 70 mm Thread size NPT2 Thread length 26.9 mm Thread pitch 11,5 TPI Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Win. outer conduit diameter 0 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 mm Protrusion length 77 mm Impact strength (IEC 60079) 7 J Impact strength (IEC 60079) 7 J Impact strength 20 J PVC boot PVC21 Lot size 1 Weight 1.19 kg	Armouring type 2	Without lead sheath
Max. number of cores 115 Construction type BS 6121, IEC/EN 62444 Width across corners 77 mm Width across flats 70 mm Thread size NPT2 Thread length 26.9 mm Thread size NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Outer sheath 40.4 53 mm Min. outer conduit diameter 0 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 mm Max. external conduit diameter 0 mm Protrusion length 77 mm Impact strength (IEC 60079) 7 J Impact strength (IEC 60079) 7 J Impact strength 20 J PVC boot PVC21 Lot size 1 Weight 1.19 kg	Armouring type 3	With barrier seal
Construction type BS 6121, IEC/EN 62444 Width across corners 77 mm Width across flats 70 mm Thread size NPT2 Thread length 26.9 mm Thread pitch 11,5 TPI Thread standard NPT Gland size 50 Groved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Outer sheath 40.4 53 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 mm Max. external conduit diameter 0 mm Max. external conduit diameter 0 mm Impact strength (IEC 60079) 7 J Impact strength (IEC 60079) 7 J Impact strength 20 J PVC boot PVC21 Lot size 1 Weight 1.19 kg	Clamping range	40.4 53 mm
Width across corners 77 mm Width across flats 70 mm Thread size NPT2 Thread length 26.9 mm Thread pitch 11,5 TPI Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Min. inner conduit diameter 0 mm Outer sheath 40.4 53 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 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	Max. number of cores	115
Width across flats 70 mm Thread size NPT2 Thread length 26.9 mm Thread pitch 11,5 TPI Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Win. inner conduit diameter 0 mm Outer sheath 40.4 53 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 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	Construction type	BS 6121, IEC/EN 62444
Thread size NPT2 Thread length 26.9 mm Thread pitch 11,5 TPI Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Outer sheath 40.4 53 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 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	Width across corners	77 mm
Thread length 26.9 mm Thread pitch 11,5 TPI Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Min. inner conduit diameter 0 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 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	Width across flats	70 mm
Thread pitch 11,5 TPI Thread standard NPT Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Min. inner conduit diameter 0 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 mm Protrusion length 77 mm Impact strength (IEC 60079) 7 J Impact strength 20 J PVC boot PVC21 Lot size 1 1986	Thread size	NPT2
Thread standard	Thread length	26.9 mm
Gland size 50 Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Min. inner conduit diameter 0 mm Outer sheath 40.4 53 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 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	Thread pitch	11,5 TPI
Grooved cone 0.6 1.6 mm Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Min. inner conduit diameter 0 mm Outer sheath 40.4 53 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 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	Thread standard	NPT
Stepped cone 2 2.5 mm Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Min. inner conduit diameter 0 mm Outer sheath 40.4 53 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 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	Gland size	50
Inner sheath 0 41 mm Max. internal conduit diameter 0 mm Min. inner conduit diameter 0 mm Outer sheath 40.4 53 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 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	Grooved cone	0.6 1.6 mm
Max. internal conduit diameter 0 mm Min. inner conduit diameter 0 mm Outer sheath 40.4 53 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 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	Stepped cone	2 2.5 mm
Min. inner conduit diameter 0 mm Outer sheath 40.4 53 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 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	Inner sheath	0 41 mm
Outer sheath 40.4 53 mm Min. outer conduit diameter 0 mm Max. external conduit diameter 0 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	Max. internal conduit diameter	0 mm
Min. outer conduit diameter 0 mm Max. external conduit diameter 0 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	Min. inner conduit diameter	0 mm
Max. external conduit diameter 0 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	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	Min. outer conduit diameter	0 mm
Impact strength (IEC 60079) 7 J Impact strength 20 J PVC boot PVC21 Lot size 1 Weight 1.19 kg	Max. external conduit diameter	0 mm
Impact strength 20 J PVC boot PVC21 Lot size 1 Weight 1.19 kg	Protrusion length	77 mm
PVC boot PVC21 Lot size 1 Weight 1.19 kg	Impact strength (IEC 60079)	7 J
Lot size 1 Weight 1.19 kg	Impact strength	20 J
Weight 1.19 kg	PVC boot	PVC21
	Lot size	1
Weight 2.62 lb	Weight	1.19 kg
	Weight	2.62 lb

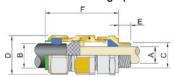
Installation equipment and accessories

Cable gland With RapidEx compound



CMP-50PX2KREX Art. No. 246665

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.