

CMP-50C2K Art. No. 246318



- Ex e cable gland for all armoured cables: SWA, wire-braid and tape armouring made of steel or aluminium
- Safety thanks to flood seal with integral protection, controlled outer load retention seal
- Internationally certified in accordance with IECEx and ATEX, EMC-tested

MY R. STAHL C2KA



Series C2K metal Ex e cable glands are suitable for all types of armoured cables, i.e. for SWA, wire-braid and tape armouring made of steel or aluminium. 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 ta
Application range (zones)	1, 2, 20, 21, 22
IECEX gas certificate	IECEX CML 18.0180X
IECEX gas explosion protection	Ex eb IIC Gb
IECEX dust certificate	IECEX CML 18.0180X
IECEX dust explosion protection	Ex ta IIIC Da
ATEX gas certificate	CML 18ATEX1323X
ATEX gas explosion protection	⊕ II 2 G Ex eb IIC Gb
ATEX dust certificate	CML 18ATEX1323X
ATEX dust explosion protection	⊕ II 1 D Ex ta IIIC Da
Notes	The product certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com)

Ambient Conditions

Ambient temperature	-60 °C ... +130 °C
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Mechanical Data

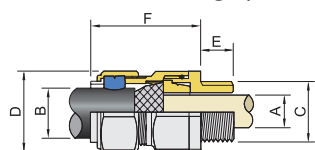
Version	50
Degree of protection (IP)	IP66
Degree of protection note	IP67 and IP68 mounting according to the specifications of the manufacturer, CMP. The specified degrees of protection are only fulfilled if CMP installation accessories are used.
IP degree of protection (IEC 60079)	IP66
Sealing material	SOLO LSF
Sealing ring material	Viton
Material	Nickel-plated brass
Halogen-free	Yes
Clamping range	40.4 – 53 mm
Armouring type 2	Without lead sheath
Clamping range	40.4 ... 53 mm
Construction type	BS 6121, IEC/EN 62444

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Mechanical Data

Width across corners	77.1 mm
Width across flats	70.1 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	44.1 mm
Outer sheath	40.4 ... 53 mm
Protrusion length	77 mm
Impact strength (IEC 60079)	7 J
Impact strength	20 J
PVC boot	PVC21
Weight	1.13 kg
Weight	2.49 lb

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



- A = Max. inner sheath
- 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.