

CMP-50sA2F100 Art. No. 263395



- Ex d and Ex e cable glands for unarmoured cables and cables with wire-braid armouring
- Increased safety: Sealing of the outer cable sheath, flood seal, designed to prevent cold flow
- No strain relief necessary
- Suitable for mobile applications
- Globally certified in accordance with IECEx, ATEX and CSA

MY R. STAHL A2F100A



The Series A2F 100 metal Ex d and Ex e cable glands are designed for unarmoured cables and cables with wire-braid armouring. Greater safety is ensured by the flood seal with integral protection and the sealing of the outer cable sheath by an explosion-protected displacement seal, as well as the prevention of cold flow. They have global certification according to IECEx, ATEX and CSA.

Technical Data

Explosion Protection

Ex version	Ex eb & Ex db & Ex nR & Ex ta
Application range (zones)	1, 2, 20, 21, 22
IECEX gas certificate	IECEX CML 18.0172
IECEX gas explosion protection	Ex db IIC Gb
IECEX dust certificate	IECEX CML 18.0172
IECEX dust explosion protection	Ex ta IIIC Da
IECEX firedamp certificate	IECEX CML 18.0172
IECEX firedamp protection	Ex db I Mb
IECEX firedamp protection 2	Ex eb I Mb
IECEX restricted breathing certificate	IECEX CML 18.0172
IECEX restricted breathing	Ex nRc IIC Gc
ATEX gas certificate	CML 18ATEX1307
ATEX gas explosion protection	Ⓔ II 2 G Ex db IIC Gb
ATEX dust certificate	CML 18ATEX1307
ATEX dust explosion protection	Ⓔ II 1 D Ex ta IIIC Da
ATEX firedamp certificate	CML 18ATEX1307
ATEX firedamp protection	Ⓔ I M2 Ex db I Mb
ATEX firedamp protection 2	Ⓔ I M2 Ex eb I Mb
ATEX restricted breathing certificate	CML 18ATEX4311
ATEX restricted breathing	Ⓔ II 3 G Ex nRc IIC Gc
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

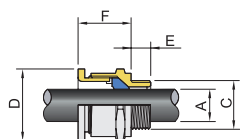
Version	50s
Strain relief	Yes

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Mechanical Data

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
Material	Nickel-plated brass
Silicone-free	No
Halogen-free	Yes
Clamping range	31 – 38.2 mm
Armouring type 2	Cable with protective braiding
Clamping range	31 ... 38.2 mm
Construction type	BS 6121, IEC/EN 62444
Width across corners	60.5 mm
Width across flats	55 mm
Thread size	M50
Thread length	15 mm
Thread pitch	1,5
Thread standard	metric
Gland size	50s
Inner sheath	31 ... 38.2 mm
Protrusion length	41.1 mm
Impact strength (IEC 60079)	7 J
Impact strength	20 J
PVC boot	PVC15
Weight	330 g
Weight	0.73 lb

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



A = Inner 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.