

CMP-50A2F Art. No. 107801



- 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
- Globally certified in accordance with IECEx, ATEX and CSA

MY R. STAHL A2FA



The Series A2F metal Ex d and Ex d 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
Ex interface zone	ATEX: 1, 2, 20, 21, 22 IECEX:
IECEX gas certificate	IECEX CML 18.0179X
IECEX gas certificate	IECEX SIM 14.0007
IECEX gas explosion protection	Ex db IIC Gb
IECEX dust certificate	IECEX CML 18.0179X
IECEX dust explosion protection	Ex ta IIIC Da
IECEX firedamp certificate	IECEX CML 18.0179X
IECEX firedamp protection	Ex db I Mb
IECEX firedamp protection 2	Ex eb I Mb
IECEX restricted breathing certificate	IECEX CML 18.0179X
IECEX restricted breathing	Ex nR IIC Gc
ATEX gas certificate	CML 18ATEX1321X
ATEX gas certificate 2	CML 18ATEX4313X
ATEX gas explosion protection	⊕ II 2 G Ex db IIC Gb
ATEX dust certificate	CML 18ATEX1321X
ATEX dust explosion protection	⊕ II 1 D Ex ta IIIC Da
ATEX firedamp certificate	CML 18ATEX1321X
ATEX firedamp protection	⊕ I M2 Ex db I Mb
ATEX firedamp protection 2	⊕ I M2 Ex eb I Mb
ATEX restricted breathing certificate	CML 18ATEX1321X
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)

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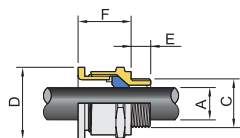
Ambient Conditions

Ambient temperature	-60 °C ... +130 °C
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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.
IP degree of protection (IEC 60079)	IP66
Sealing material	SOLO LSF
Material	Nickel-plated brass
Silicone-free	Yes
Halogen-free	Yes
Clamping range	35.6 – 44 mm
Armouring type 2	Cable with protective braiding
Clamping range	35.6 ... 44 mm
Construction type	BS 6121, IEC/EN 62444
Width across corners	66 mm
Width across flats	55 mm
Thread size	M50
Thread length	15 mm
Thread pitch	1,5
Thread standard	metric
Gland size	50
Inner sheath	35.6 ... 44 mm
Protrusion length	37.3 mm
Impact strength (IEC 60079)	7 J
Impact strength	20 J
PVC boot	PVC18
Weight	270 g
Weight	0.6 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.