

CMP-40A2F Art. No. 246261



- 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 explosion protection	Ex db IIC Gb
IECEX dust certificate	IECEX CML 18.0179X
IECEX dust explosion protection	Ex ta IIIC Da
IECEX restricted breathing certificate	IECEX CML 18.0179X
IECEX restricted breathing	Ex nR IIC Gc
ATEX gas certificate	CML 18ATEX1321X
ATEX gas explosion protection	Ex II 2 G Ex db IIC Gb
ATEX dust certificate	CML 18ATEX1321X
ATEX dust explosion protection	Ex II 1 D Ex ta IIIC Da
ATEX restricted breathing certificate	CML 18ATEX4313X
ATEX restricted breathing	Ex II 3 G Ex nR 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

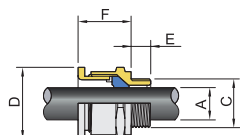
Version	40
Strain relief	No
Degree of protection (IP)	IP66
Degree of protection note	IP67 and IP68 mounting according to the specifications of the manufacturer, CMP. The specified degrees of protection are only fulfilled if CMP installation accessories are used.
IP degree of protection (IEC 60079)	IP66

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Mechanical Data

Sealing material	SOLO LSF
Material	Nickel-plated brass
Silicone-free	Yes
Halogen-free	Yes
Clamping range	23.5 – 32.2 mm
Armouring type 2	Cable with protective braiding
Clamping range	23.5 ... 32.2 mm
Construction type	BS 6121, IEC/EN 62444
Width across corners	55 mm
Width across flats	50 mm
Thread size	NPT1-1/4
Thread length	25.6 mm
Thread pitch	11,5 TPI
Thread standard	NPT
Gland size	40
Inner sheath	23.5 ... 32.2 mm
Protrusion length	35.1 mm
Impact strength (IEC 60079)	7 J
Impact strength	20 J
PVC boot	PVC13
Weight	200 g
Weight	0.44 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.