

CMP-50A2FRC Art. No. 243632



- Ex d and Ex e cable gland for all unarmoured cables and cables with wire-braid armouring in flexible conduits
- Outer cable sheath sealed by an explosion-protected displacement seal
- Globally certified in accordance with IECEx, ATEX and CSA

MY R. STAHL A2FRCA



Series A2FRC metal Ex d and Ex e cable glands are designed for all types of unarmoured cables and cables with wire-braid armouring which are installed in flexible or rigid conduits. Installation is incredibly easy thanks to a connector that can be rotated freely. The cable glands are designed to prevent cold flow.

### 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 18.0179X
IECEX gas explosion protection	Ex db eb 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 2	CML18ATEX4313X
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC Gb
ATEX dust explosion protection	Ex II 1 D Ex ta IIIC Da
ATEX restricted breathing certificate	CML18ATEX1321X
ATEX restricted breathing	Ex II 3 G Ex nR IIC Gc
Notes	The product certificates can be downloaded from the manufacturer's homepage ( <a href="http://www.cmp-products.com">www.cmp-products.com</a> )

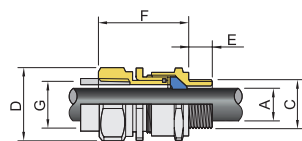
Mechanical Data	
Version	50
Strain relief	No
Degree of protection (IP)	IP66
Degree of protection note	Mounting in accordance with the specifications of the manufacturer, CMP
IP degree of protection (IEC 60079)	IP66
Degree of protection (IP) UL	IP66
Sealing material	SOLO LSF
Material	Nickel-plated brass
Silicone-free	Yes
Halogen-free	Yes
Clamping range	35.6 – 44 mm

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### Mechanical Data

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	60 mm
Thread size	M50
Thread length	15 mm
Thread pitch	1,5
Thread standard	metric
Gland size	50
Inner sheath	35.6 ... 44 mm
Internal conduit thread	M50
Protrusion length	64.4 mm
Impact strength (IEC 60079)	7 J
Impact strength	20 J
PVC boot	PVC18
Weight	440 g
Weight	0.97 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  
 G = Internal conduit thread

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.