

CMP-50A2FFC Art. No. 243624



- Ex d and Ex e cable entry for all unarmoured cables and cables with wire-braid armouring in flexible and rigid conduits
- Sealing for the outer cable sheath provided by an explosion-protected displacement seal
- Worldwide certification in accordance with IECEx, ATEX and CSA

MY R. STAHL A2FFCA



A2FFC series metal Ex d and Ex e cable entries are designed for all types of unarmoured cables and cables with wire-braid armouring that are run through flexible or rigid conduits, including those with a rubber coating. A thread adaptor is also required for connecting to rigid conduits. The cable entries are designed to prevent cold flow.

### Technical Data

#### Explosion Protection

Ex version	Ex e & Ex d & 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 IIC Gb
IECEX dust certificate	IECEX CML 18.0179X
IECEX dust explosion protection	Ex ta IIIC Da
IECEX firedamp certificate	IECEX SIM 14.0006
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 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 firedamp certificate	CML 18ATEX1321X
ATEX firedamp protection	Ex I M2 Ex db I Mb
ATEX firedamp protection 2	Ex I M2 Ex eb I Mb
ATEX restricted breathing certificate	CML 18ATEX4313X
ATEX restricted breathing	Ex II 3 G Ex nR IIC Gc
Notes	The product certification and certificates can be downloaded from the manufacturer's homepage ( <a href="http://www.cmp-products.com">www.cmp-products.com</a> )

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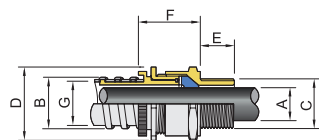
### Ambient Conditions

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

### 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
Sealing material	SOLO LSF
Material	Nickel-plated brass
Silicone-free	Yes
Clamping range	35.6 – 44 mm
Armouring type	Unarmoured cable types
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
Max. internal conduit diameter	51.2 mm
Max. external conduit diameter	61 mm
Protrusion length	48 mm
Impact strength	20 J
Lot size	1
Weight	490 g
Weight	1.08 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 = Max. internal conduit diameter  
 B = Max. external conduit diameter

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.