

# Cable glands Ex e & Ex d & Ex nR & Ex ta

Series A2FRC for unarmoured cables/rigid conduit connection



E10



- 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 A2FRC



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.

|                 | IECEx / ATEX |   |   |    |    |    |
|-----------------|--------------|---|---|----|----|----|
| Zone            | 0            | 1 | 2 | 20 | 21 | 22 |
| Installation in |              | • | • | •  | •  | •  |

| Selection Table |             |                  |               |                         |                    |                      |                   |          |          |        |
|-----------------|-------------|------------------|---------------|-------------------------|--------------------|----------------------|-------------------|----------|----------|--------|
| Thread standard |             | metric           |               |                         |                    |                      |                   |          |          |        |
| Gland size      | Thread size | Inner sheath     | Thread length | Internal conduit thread | Width across flats | Width across corners | Protrusion length | PVC boot | Art. No. | Weight |
| 20              | M20         | 6.5 ... 14 mm    | 15 mm         | M20                     | 27 mm              | 29.7 mm              | 47.9 mm           | PVC05    | 243627   | 110 g  |
| 20s             | M20         | 6.1 ... 11.7 mm  | 15 mm         | M20                     | 24 mm              | 26.4 mm              | 46.1 mm           | PVC04    | 243626   | 110 g  |
| 20s/16          | M20         | 3.2 ... 8.7 mm   | 15 mm         | M20                     | 24 mm              | 26.4 mm              | 46.9 mm           | PVC04    | 243625   | 110 g  |
| 25              | M25         | 11.1 ... 20 mm   | 15 mm         | M25                     | 36 mm              | 39.6 mm              | 56.1 mm           | PVC09    | 243628   | 200 g  |
| 32              | M32         | 17 ... 26.3 mm   | 15 mm         | M32                     | 41 mm              | 45.1 mm              | 55.5 mm           | PVC10    | 243629   | 240 g  |
| 40              | M40         | 23.5 ... 32.2 mm | 15 mm         | M40                     | 50 mm              | 55 mm                | 57.7 mm           | PVC13    | 243630   | 330 g  |
| 50              | M50         | 35.6 ... 44 mm   | 15 mm         | M50                     | 60 mm              | 66 mm                | 64.4 mm           | PVC18    | 243632   | 440 g  |
| 50s             | M50         | 31 ... 38.2 mm   | 15 mm         | M50                     | 55 mm              | 60.5 mm              | 59.1 mm           | PVC15    | 243631   | 430 g  |
| 63s             | M63         | 41.5 ... 49.9 mm | 15 mm         | M63                     | 70.5 mm            | 77.6 mm              | 61.6 mm           | PVC21    | 243633   | 720 g  |

| Technical Data                   |  |
|----------------------------------|--|
| Explosion Protection             |  |
| IECEx gas explosion protection   | Ex db eb IIC Gb  |
| IECEx gas explosion protection 2 | Ex eb IIC Gb   |
| IECEx dust explosion protection  | Ex ta IIIC Da  |
| IECEx restricted breathing       | Ex nR IIC Gc   |
| ATEX gas explosion protection    | Ⓔ II 2 G Ex db eb IIC Gb   |
| ATEX gas explosion protection 2  | Ⓔ II 2 G Ex eb IIC Gb  |
| ATEX dust explosion protection   | Ⓔ II 1 D Ex ta IIIC Da   |
| ATEX restricted breathing        | Ⓔ 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> ) |
| Ex version                       | Ex eb & Ex db & Ex nR & Ex ta  |

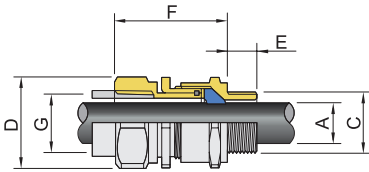
E10

## Technical Data

### Mechanical Data

|                           |   |
|---------------------------|---|
| Degree of protection (IP) | IP66  |
| Degree of protection note | Mounting in accordance with the specifications of the manufacturer, CMP |
| Material                  | Nickel-plated brass   |
| Sealing material          | SOLO LSF  |
| Construction type         | BS 6121, IEC/EN 62444   |

## 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