

Type PX2KW/MF

## SPECIFICATION

- ▼ Ex d for Group 1 Mining applications.
- ▼ Group II options also available.
- ▼ For use with single wired armour (SWA) cable
- ▼ CMP Type PX2KW/MF Cable gland
- ▼ Designed to BS 6121: Part 1:1989, EN50262:1999 & IEC 62444:2010

## FEATURES

- ▼ Provides a flameproof seal with a compound barrier seal around conductors and an environmental seal on the cable outer sheath
- ▼ Provide mechanical cable retention and electrical continuity via armour wire termination
- ▼ Detachable armour cone and universal clamping arrangement enables simple connection and disconnection.
- ▼ Operating temperature range from  $-60^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$

## CERTIFICATION & APPROVAL

EN 60079-0:2006, EN 60079-1:2007,  
EN 60079-7:2007, IEC 61241-0:2004,  
EN 61241-1:2004 and IEC 60079-0:2007

ATEX Certified  I M2 Ex d I

Component certificate No.  
Sira09ATEX1034U + Sira06ATEX1097X

Additional certification to IECEx and GOST  
also available.

Ingress Protection  
IP66, IP67 & IP68

Contact sales for further information

## OPTIONS

- ▼ Brass, Nickel Plated Brass & Stainless Steel options available.



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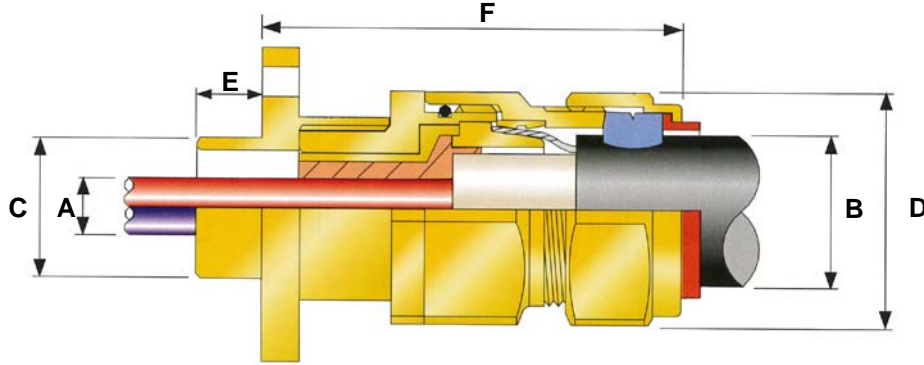
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## APPLICATION

The cable gland can be used with all forms of equipment protection in Zone 1 provided always that the prevailing code of practice for selection, installation and maintenance is observed.

## DIMENSIONS



| Cable Gland Size | Spigot Dia. 'C' | Min. Thread Length 'E' | Max. Dia. Over Conductors & Max. No. Cores 'A' |       | Overall Cable Diameter 'B' |      | Standard Armour Range |      | Across Flats 'D' | Across Corners 'D' | Nominal Protrusion Length 'F' | PVC Shroud Ref. | Cable Gland Weight (kg) |
|------------------|-----------------|------------------------|--|-------|----------------------------|------|-----------------------|------|------------------|--------------------|-------------------------------|-----------------|-------------------------|
|                  | Metric          |                        | Dia.   | Cores | Min                        | Max  | Min                   | Max  | Max              | Max                |                               |                 |                         |
| 20S              | 20.0            | 15.0                   | 12.6   | 11    | 9.5                        | 15.9 | 0.80                  | 1.25 | 30.5             | 33.6               | 68.5                          | PVC04           | 0.360                   |
| 20               | 20.0            | 15.0                   | 12.6   | 11    | 12.5                       | 20.9 | 0.80                  | 1.25 | 30.5             | 33.6               | 70.5                          | PVC06           | 0.420                   |
| 25S              | 25.0            | 15.0                   | 17.5   | 38    | 14.0                       | 22.0 | 1.25                  | 1.60 | 37.5             | 41.3               | 77.5                          | PVC09           | 0.570                   |
| 25               | 25.0            | 15.0                   | 17.5   | 38    | 18.2                       | 26.2 | 1.25                  | 1.60 | 37.5             | 41.3               | 77.5                          | PVC09           | 0.570                   |
| 32               | 32.0            | 15.0                   | 23.6   | 59    | 23.7                       | 33.9 | 1.60                  | 2.00 | 46.0             | 50.6               | 79.5                          | PVC11           | 0.790                   |
| 40               | 40.0            | 15.0                   | 30.0   | 89    | 27.9                       | 40.4 | 1.60                  | 2.00 | 55.0             | 60.5               | 88.0                          | PVC15           | 1.150                   |
| 50S              | 50.0            | 15.0                   | 36.6   | 115   | 35.2                       | 46.7 | 2.00                  | 2.50 | 60.0             | 66.0               | 85.5                          | PVC18           | 1.370                   |
| 50               | 50.0            | 15.0                   | 41.0   | 115   | 40.4                       | 53.1 | 2.00                  | 2.50 | 70.0             | 77.0               | 90.5                          | PVC21           | 1.430                   |
| 63S              | 63.0            | 15.0                   | 47.9   | 140   | 45.6                       | 59.4 | 2.00                  | 2.50 | 75.0             | 82.5               | 101.5                         | PVC23           | 2.090                   |
| 63               | 63.0            | 15.0                   | 53.7   | 140   | 54.6                       | 65.9 | 2.00                  | 2.50 | 80.0             | 88.0               | 101.5                         | PVC25           | 2.290                   |
| 75S              | 75.0            | 15.0                   | 59.9   | 140   | 59.0                       | 72.1 | 2.00                  | 2.50 | 89.0             | 97.6               | 109.0                         | PVC28           | 2.950                   |
| 75               | 75.0            | 15.0                   | 64.3   | 140   | 66.7                       | 78.5 | 2.50                  | 3.00 | 99.0             | 108.9              | 112.0                         | PVC30           | 3.520                   |

All dimensions in millimetres

## TYPICAL ORDERING REFERENCE

| ORDER REFERENCE | DESCRIPTION                       |
|-----------------|-----------------------------------|
| MGPX2KW1RA/MF20 | M20 Flanged Barrier Gland - Brass |
| MGPX2KW1RA/MF25 | M25 Flanged Barrier Gland - Brass |
| MGPX2KW1RA/MF32 | M32 Flanged Barrier Gland - Brass |
| MGPX2KW1RA/MF40 | M40 Flanged Barrier Gland - Brass |
| MGPX2KW1RA/MF50 | M50 Flanged Barrier Gland - Brass |
| MGPX2KW1RA/MF63 | M63 Flanged Barrier Gland - Brass |

Contact Sales for all other options / sizes.  
Refer to Data Sheet 'Cable Gland Adaptor Accessories' for flange dimensions.



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