**COMPLIANCE STANDARDS:**
EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-15, EN 60079-31
IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31 & IEC 60529

**PRODUCT DESCRIPTION**
"E8XCM" type glands are certified Flameproof Ex d, Increased Safety Ex e, Restricted Breathing Ex nR and Dust Protected Ex ta. They are suitable for use in Zones 1 and 2 for Gas Groups IIA, IIB and IIC and additionally for use in Zones 20, 21 and 22 for Dust Groups IIIA, IIIB and IIIC. Developed for flat cables, they provide controlled Ex d sealing and have been tested to IP66 and IP68 to 50 metres. The "E8XCM" version is designed to accommodate armoured cables, sealing on the inner and outer sheaths and also incorporates a detachable armour specific clamping system. The gland features a male conduit connection thread as standard.

**EXAMPLE PART NUMBERING:**
A8CMBFM20/NP/20/M20

E  Gland designed for use with Armoured Cables
8  Silicone Seals for flat cables
X  Detachable Clamping for Braid Armour
CM  Male Conduit Connection Thread
B  Brass (B) / Stainless Steel (S)
F  Multiple Certification

**OPTIONS**
L  Locknut (material dictated by gland entry thread material)
N  Including IP Washer, Nylon (N) - Fibre (V) - PTFE (H)
T  Including Earth Tag
S  Including Serrated Washer

**CERTIFICATION:**
ATEX
II 1D 2G Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da
II 3G Ex nR IIC Gc

IECEx
Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da

INMETRO - Brazil
Ex d IIC Gb / Ex e IIC Gb / Ex ta IIC Da / Ex nR IIC Gc

SAC - China
Ex d IC / Ex e IC

CCoE - India
Petroleum Rules 2002 (PESO)

LLOYD’S
Enclosure Systems (Part 18)

**CABLE GLAND SELECTION TABLE**

| Gland Size | Entry Thread Size | Metric Thread Length [B] | Metric NPT | 1/2” or 3/4” | 6.3 | 11.7 | 4.0 | 7.0 | 7.9 | 11.7 | 4.5 | 7.0 | 0.10-0.30 | 63 | 30.0 | 33.0 | 0.230 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 205 | M20 x 1.5 | 1/2” or 3/4” | 16 | M20 x 1.5 | 1/2” or 3/4” | 6.3 | 11.7 | 4.0 | 7.0 | 7.9 | 11.7 | 4.5 | 7.0 | 0.10-0.30 | 63 | 30.0 | 33.0 | 0.230 |
| 20R | M20 x 1.5 | 1/2” or 3/4” | 16 | M20 x 1.5 | 1/2” or 3/4” | 8.1 | 13.5 | 5.8 | 6.2 | 10.7 | 16.1 | 5.4 | 8.3 | 0.10-0.30 | 64 | 30.0 | 33.0 | 0.231 |
| 20 | M20 x 1.5 | 1/2” or 3/4” | 16 | M20 x 1.5 | 1/2” or 3/4” | 10.3 | 13.5 | 5.6 | 9.0 | 11.0 | 13.5 | 4.5 | 9.0 | 0.10-0.30 | 63 | 30.0 | 33.0 | 0.230 |

**NOTES**
- Gland size does not necessarily equate to the entry thread size.
- Dimensions (A) & (B) may differ for glands with non metric entry threads.
- Assembly instructions must be read prior to installation and adhered to in full.
- Peppers supplies cable glands with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-1 and other equivalent standards. They usually incorporate a thread run out according to the available machining techniques and will not have a full form thread for the entire length.

Peppers Cable Glands Limited will not be held responsible for clients’ installations where this has not been taken into account.
- When selecting IP Washer Material for use with glands, please be aware of the accessories temperature range to ensure they are suitable for the intended installation.
- Where approval in addition to ATEX & IECEx is required, this must be clearly requested at time of enquiry / order.