OPTIONAL CABLE GLAND SELECTION TABLE

EXAMPLE PART NUMBERING:
A8CFBFM20/NP/20/M20

NOTES

ACCESSORIES:
(ALL DIMENSIONS IN mm)

A
Gland designed for use with Unarmoured Cables

B
Silicone Seal for Flat Cables

CF
Female Conduit Connection Thread

S
Including Serrated Washer

N
Including IP Washer, Nylon (N) - Fibre (V) - PTFE (H)

T
Including Earth Tag

L
Locknut (material dictated by gland entry thread material)

NP
Nickel Plated

M30
Gland shell size

Gland designed for use with Armoured and Unarmoured Flat Cables and featuring a Female Conduit Connection.

PART NUMBERS:

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>CF</th>
<th>S</th>
<th>N</th>
<th>T</th>
<th>L</th>
<th>NP</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>M20 x 1.5 Female Conduit Connection Thread</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20R</td>
<td>M20 x 1.5 Male Entry Thread</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IP RATING:
IP66 & IP68 (50 metres - 7 Days), Type 4X

OPERATING TEMP:
Silicone Seals -60°C to +180°C

MATERIALS:
Brass or Stainless Steel

PLATING:
Electroless Nickel

CERTIFICATION:

ATEX

Ex d IIC X / Ex e IIC

Ex d II1D 2G Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da

UL514B, UL1203, UL2225, UL50E, ANSI/UL 60079-0/7 & ISA 60079-31

PRODUCT DESCRIPTION

“A8CF” 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 Zone 1 and 2 for Gas Groups IIA, IIB and IIC and additionally for use in Zones 20, 21 and 22 for Dust Groups IIA, IIB and IIC. Developed for flat cables, they provide controlled Ex d, IP sealing and have been tested to IP66 and IP68 to 50 metres. The “A8CF” version is designed to accommodate unarmoured and armoured cables where sealing and retention is required only on the outer sheath and additionally provides a male thread for the connection of conduit.

COMPLIANCE STANDARDS:

EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31 & EN 60529

UL514B, UL1203, UL2225, UL50E, ANSI/UL 60079-0/7 & ISA 60079-31

CERTIFICATION NO: 3.3.2

3.3.2

PRODUCT TYPE A8CF

CABLE GRAND SELECTION TABLE

<table>
<thead>
<tr>
<th>Gland Size</th>
<th>Entry Thread Size</th>
<th>Metric Thread Length (B)</th>
<th>Diameter Across Flats (A)</th>
<th>Across Corners (Metric Versions)</th>
<th>Weight (Kgs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20S</td>
<td>M20 x 1.5</td>
<td>1/2&quot; or 3/4&quot;</td>
<td>6.3</td>
<td>30.0</td>
<td>0.174</td>
</tr>
<tr>
<td>20R</td>
<td>M20 x 1.5</td>
<td>1/2&quot; or 3/4&quot;</td>
<td>8.1</td>
<td>30.0</td>
<td>0.175</td>
</tr>
<tr>
<td>20</td>
<td>M20 x 1.5</td>
<td>1/2&quot; or 3/4&quot;</td>
<td>10.3</td>
<td>30.0</td>
<td>0.174</td>
</tr>
<tr>
<td>25</td>
<td>M25 x 1.5</td>
<td>3/4&quot; or 1&quot;</td>
<td>10.6</td>
<td>40.0</td>
<td>0.194</td>
</tr>
</tbody>
</table>

NOTES

- Gland size does not necessarily equate to the entry thread size.
- Dimensions (A) & (B) may differ for glands with non metric entry threads.
- Please refer to our "Thread Reference Tables" for specific dimensions.
- 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 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 and CSA is required, this must be clearly requested at time of enquiry / order.

Reference: www.cableglands.com | Email: sales@peppers.co.uk | Tel: +44 (0) 1276 64232

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