PRODUCT TYPE ARMM & ARFF

ARRM

ARFF

REFERENCE NUMBER: 7.1.1

<table>
<thead>
<tr>
<th>ARMM or ARFF</th>
<th>ARMM = Male x Male - ARFF = Female x Female</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>No IP O-ring (0) - Nitrile (1) - Silicone (3)</td>
</tr>
<tr>
<td>B</td>
<td>Brass (B) - Stainless Steel (S) - Aluminium (A)</td>
</tr>
<tr>
<td>F</td>
<td>Ex d &amp; Ex e certification including Marine Approvals</td>
</tr>
<tr>
<td>NP</td>
<td>Nickel Plated</td>
</tr>
<tr>
<td>M25</td>
<td>Male or Female Entry Thread</td>
</tr>
<tr>
<td>M25</td>
<td>Male or Female Entry Thread</td>
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</tbody>
</table>

ARFF part numbers will always contain the "0" as this product cannot be fitted with O-rings.
For ARMM always quote the smallest thread first so the product is an Adaptor not Reducer.
Accessories are available for ARMM series.

PART NUMBERS:

<table>
<thead>
<tr>
<th>A</th>
<th>R</th>
<th>MM</th>
<th>0</th>
<th>B</th>
<th>F</th>
<th>FF</th>
<th>1</th>
<th>S</th>
<th>3</th>
<th>A</th>
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PRODUCT DESCRIPTION

"ARMM & ARFF" Series Certified Adaptors provide a method of matching electrical thread forms on Ex equipment whilst maintaining Ex d, Ex e, Ex tb and Ex nR methods of explosion protection. Approved for use in mining (except Aluminium) and surface installations, they maintain IP66 & IP68 for IEC type applications and Class I Division 1 and NEMA 4X for CEC type applications. All external metric threads are fitted with a nitrile O-ring as standard.

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 60079-15, IEC 60079-31 & 60529
C22.2 (see certificate), UL514B, UL1203, ANSI/UL 60079-0/1/7, ISA 60079-31, UL 50E

EXAMPLE PART NUMBERING:

ARMM1BF/NP/M20/M25

AR = ARMM or ARFF
ARMM = Male x Male - ARFF = Female x Female
1
No IP O-ring (0) - Nitrile (1) - Silicone (3)
B
Brass (B) - Stainless Steel (S) - Aluminium (A)
F
Ex d & Ex e certification including Marine Approvals
NP
Nickel Plated
M20
Male or Female Entry Thread
M25
Male or Female Entry Thread

Metallic Adaptors

Ex d : Ex e : Ex nR : Ex ta : IP66 : IP68 : Class I Div 1 : AEx e : AEx ta

PART NUMBERS:

<table>
<thead>
<tr>
<th>A</th>
<th>R</th>
<th>MM</th>
<th>0</th>
<th>B</th>
<th>F</th>
<th>FF</th>
<th>1</th>
<th>S</th>
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NOTES

• Assembly instructions must be read prior to installation and adhered to in full.
• For Ex d applications female threads must comply with clause 5.3 of IEC 60079-1.
• For Ex nR applications parallel entry threads must be installed with a suitable entry thread seal.
• ATEX / IECEx versions are supplied as standard.
• Additional approvals must be requested at time of order.
• Where applicable, the standard O-ring material is nitrile. Other options are available upon request.
• Aluminium versions are not suitable for Group I Mining applications.

Material and Female Thread References and Size information can be found on page 41 + 42 of our product catalogue. Adaptor and Reducer size information is available on pages 41 + 42 of our product catalogue. Male and female threads are manufactured in accordance with:-

• ISO Metric threads to ISO 965-1, ISO 965-3, BS3643 and IEC 60423
• NPT and NPS threads in accordance with ANSI B1.20.1
• PG threads to DIN40430
• ET threads to Imperial Conduit BS31
• ISO Pipe Parallel to ISO 228 and BS2779 (BSPP, G, R, PF & Tpy 4)
• ISO Pipe Taper to ISO 7-1 and BS21 (BSPT, Gc, Gk, Rk, PT & Kmpy 6)

Material:

Brass, Stainless Steel or Aluminium

Plating:

Electroless Nickel

Male and Female Thread References and Size information can be found on page 40 of this product catalogue. Adaptor and Reducer size information is available on pages 41 + 42 of our product catalogue. Male and female threads are manufactured in accordance with:-

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