

787

787 90° ADAPTOR, GLOBALLY APPROVED, EXPLOSIVE ATMOSPHERE CABLE / CONDUIT ACCESSORY

- Protects cables from excessive bending stress
- General purpose / industrial version available
- Supplied with male or female threads
- Can be supplied with thread conversion
- Equipment interface o-ring seal available
- -60°C to +200°C
- Globally marked, cCSAus, IECEx, ATEX and UKEX
- Can be used with 737 (not Ex d direct entry applications)

Machined and cast M20 to M50

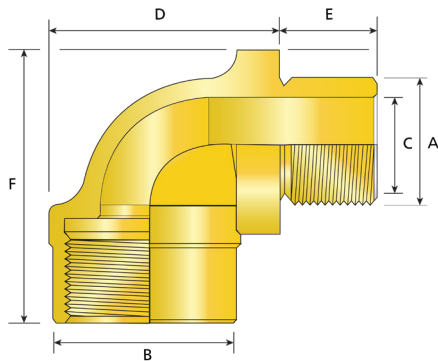
Machined M63 and above



TECHNICAL CLASSIFICATION

| | |
|-----------------------------|--|
| DESIGN SPECIFICATION | BS 6121:Part 1:1989 |
| ENCLOSURE PROTECTION | IK10 to IEC 62262 (20 joules) Brass and Stainless Steel Only |
| INGRESS PROTECTION RATING** | IP66, IP67 and IP68*** |
| AVAILABLE MATERIALS | Brass, Electroless Nickel Plated Brass, Aluminium, Stainless Steel |

** When CMP installation accessories are used. Refer to www.cmp-products.com for further information. *** IP68 tested to a minimum depth of 30 metres for 12 hours, alternative depths / durations can be provided upon request



GLOBAL PRODUCT CERTIFICATION

| | | | |
|-------------------------------|---|----------------------|---|
| ATEX CERTIFICATE | CML18ATEX1319U | IECEx CERTIFICATE | IECEx CML18.0176U, IECEx SIM 17.0009U |
| UKEX CERTIFICATE | CML21UKEX1243U | CODE OF PROTECTION | Ex db I Mb, Ex eb I Mb, Ex db IIC Gb, Ex ta IIC Da, Ex eb I Mb |
| CODE OF PROTECTION | ⊕ II 2G 1D Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIC Da ⊕ I M2 Ex db I Mb, Ex eb I Mb | COMPLIANCE STANDARDS | EN 60079-0,1,7,31 |
| COMPLIANCE STANDARDS | EN 60079-0,1,7,31 | COMPLIANCE STANDARDS | IEC 60079-0,1,7,31 |
| cCSAus CERTIFICATE (2016-100) | 1055233 | CODE OF PROTECTION | Class I, Groups A, B, C and D; IP66, 67, 68; Enclosure Type 4X; Ex d e II, Class I, Zone 1, AEx d e II; |
| CODE OF PROTECTION | Class I, Groups A, B, C and D; IP66, 67, 68; Enclosure Type 4X; Ex d e II, Class I, Zone 1, AEx d e II; | COMPLIANCE STANDARDS | C22.2 No. 30, 94, CAN/CSA 60079-0,1,7, UL 50, Edition 11, UL 1203, Edition 4, UL 60079-0,1,7, CAN-CSA E61241-1-1:02 |
| EAC CERTIFICATE | EA3C K2 7100841.01.01.07875 | UkrSEPRO CERTIFICATE | ЦЛ 19.0370U |
| RETIE APPROVAL NUMBER | EL-CS-230200 | INMETRO APPROVAL | TUV 12.1335U |
| CCC CERTIFICATE | 2020322313003177 | ECAS CERTIFICATE | 24-03-106290/E24-03-110155/NB0007 |
| SANS | IA MS-XPL21804 21.0005U | | |
| MARINE APPROVALS | LRS: LR22320794TA, BV: 43180, ABS: 22-2230864-PDA | | |

HOW TO ORDER

e.g. 787 - D - M - 3 - M - 3 - 5

= Dual certified Ex d & Ex e - M25 (M) x M25 (F) - Nickel Plated Brass

Other thread variations are available on request. For further information on ordering please refer to page 163.



PRODUCT SELECTION TABLE

| ORDERING REFERENCE | MALE THREAD SIZE 'A' | MINIMUM THREAD LENGTH 'E' | MINIMUM BORE DIAMETER 'C' | FEMALE THREAD SIZE | PROTRUSION LENGTH 'D' | PROTRUSION LENGTH 'F' | WIDTH 'B' |
|--------------------|----------------------|---------------------------|---------------------------|--------------------|-----------------------|-----------------------|-----------|
| 787DM2M2 | M20 X 1.5 | 15.3 | 14.0 | M20 X 1.5 | 29.6 | 41.0 | 24.0 |
| 787DM3M3 | M25 X 1.5 | 15.3 | 18.6 | M25 X 1.5 | 36.3 | 49.3 | 29.0 |
| 787DM4M4 | M32 X 1.5 | 15.3 | 25.6 | M32 X 1.5 | 45.2 | 56.3 | 36.0 |
| 787DM5M5 | M40 X 1.5 | 15.3 | 33.6 | M40 X 1.5 | 54.2 | 64.8 | 44.0 |
| 787DM6M6 | M50 X 1.5 | 15.3 | 41.0 | M50 X 1.5 | 68.3 | 74.0 | 54.0 |
| 787DM7M7 | M63 X 1.5 | 15.3 | 50.0 | M63 X 1.5 | 97.0 | 104.3 | 75.3 |
| 787DM8M8 | M75 X 1.5 | 15.3 | 61.0 | M75 X 1.5 | 97.0 | 111.3 | 79.5 |
| 787DM9M9 | M90 X 2.0 | 15.3 | 80.0 | M90 X 2.0 | 100.0 | 131.3 | 110.0 |
| 787DM10M10 | M100 X 2.0 | 15.3 | 91.0 | M100 X 2.0 | 110.0 | 141.3 | 115.0 |

All dimensions shown are in millimetres unless otherwise stated

Dimensions listed are for metric accessories only. Dimensions for alternative threads may vary.