







Cable Glands for Non-armoured Flat Cables

E-OCTANS FLAT

| Technical Details | |
|---|---|
| Material | Body, Cap Brass, Brass Nickel Plated, Stainless Steel, Aluminium Seal CR (Chloroprene), Silicone O-ring CR (Chloroprene), Silicone |
| Ingress Protection Rating | IP 68 - 5 Bar, 30 min IP 66 |
| Operating Temperature | Seal Material CR (Chloroprene) -40°C to +80°C Silicone -60°C to +80°C |
| Ex d/tb | -40°C to +80°C |
| Ex e/tb | -40°C to +80°C |
| Equipment For | Gas & Dust potentially explosive atmospheres |
| Suitable for use in | Group II Gas Group IIC ZONE1/ZONE2 Group III Dust Group IIIC ZONE21/ZONE 22 |
| Equipment Marking | Ex II 2GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db |
| Marking Example * | BMD EBU.. CE 0722  II 2GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db Ta-40°C to +80°C IP66/68 IECEX CES 13.0006X CESI 13 ATEX 018X |
| Thread Type | <ul style="list-style-type: none"> • Metric (M) ISO Pitch 1,5 • NPT (N) ANSI ASME B1.20.1 • Other thread types also available upon request. |
| Cable Type | Flat form non armoured cable |
| Accessories | <ul style="list-style-type: none"> • Lock nuts • Gaskets (Washers) • Serrated Washers • Shrouds • Earth tags • Dome plugs |
| Remarks | <ul style="list-style-type: none"> • Accessories must be ordered separately. • O-ring available in Metric outer threads. |
| Approvals | Certificate Number Standards |
|  | IMQ 13 ATEX 018X EN 60079-0:2012+A11:2013 EN 60079-7:2015 EN 60079-31:2014 EN 60079-1:2014 |
|  | IECEX IMQ 13.0006X IEC 60079-0:2011 Edition:6 IEC 60079-7:2015 Edition:5 IEC 60079-31:2013 Edition:2 IEC 60079-1:2014 Edition:7 |
|  | № TC RU C-TR.AA87.B.00941 ГОСТ 31610.0-2014 ГОСТ IEC 60079-1:2013 ГОСТ IEC 60079-31:2013 |
|  | DNV 12.0052 X ABNT NBR IEC 60079-0:2013 ABNT NBR IEC 60079-1:2009 ABNT NBR IEC 60079-7:2008 ABNT NBR IEC 60079-31:2011 |
|  | E-14044 IEC/EN60079-0 IEC/EN60079-7 IEC/EN60079-31 IEC/EN60079-1 IEC/EN 62444 |

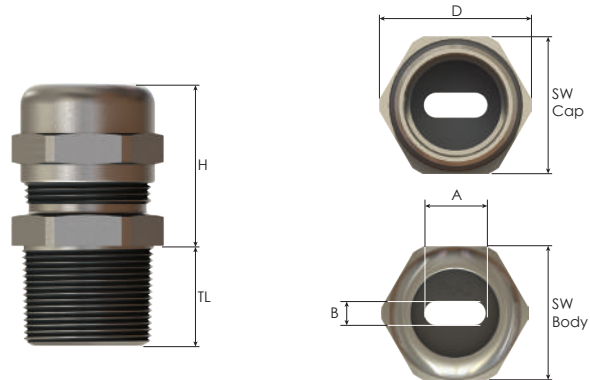
-For more information see our webpage.
* The standard marking consists ATEX & IECEX only. Marking acc. to other standards on request.



| Order Coding | | | | | | | | |
|----------------|---|-----------------------------|---|---------------------|------------|----------|-------------|----------|
| Part Number | Material | Seal | - Gasket (Washer) | Serrated Washer | Lock Nut | Shroud | Earth Tag | For Ex e |
| Mandatory | Mandatory | Mandatory | - Option | Option | Option | Option | Option | Option |
| See table | B Brass BN Brass, Nickel plated X Stainless Steel 316L A Aluminium | C Chloroprene S Silicone | - WC Chloroprene WS Silicone WF Fiber | WSR Serrated washer | L Lock nut | S Shroud | E Earth tag | TL 9 |
| Example | | | | | | | | |
| EBU1N(FxC1) | BN | S | - WC | - | L | - | E | TL 9 |

E-OCTANS FLAT

Cable Glands for Non-armoured Cables



Thread Type **METRIC** acc. to ISO 965-3

| Outer Thread Size (Male) | Flat Hole | | Outer Thread Length | | Spanner Width | | Outer Ø | max.Height | Part Number |
|--------------------------|-------------|------------|---------------------|-------------|---------------|------------|---------|------------|-------------|
| | Height B mm | Width A mm | Ex-e min. | Ex-d/e min. | Cap | Body | | | |
| | | | | | SW Cap mm | SW Body mm | | | |
| M20X1,5 | 5,0 | 12,2 | 9,0 | 16,0 | 22 | 22 | 24,5 | 29,0 | EBU1M(FxA1) |
| | 5,5 | 11,7 | 9,0 | 16,0 | 22 | 22 | 24,5 | 29,0 | EBU1M(FxC1) |
| | 6,0 | 8,5 | 9,0 | 16,0 | 22 | 22 | 24,5 | 29,0 | EBU1M(FxB1) |
| | 6,0 | 12,2 | 9,0 | 16,0 | 22 | 22 | 24,5 | 29,0 | EBU1M(FxD1) |
| | 6,3 | 10,8 | 9,0 | 16,0 | 22 | 22 | 24,5 | 29,0 | EBU1M(FxE1) |
| | 6,7 | 12,7 | 9,0 | 16,0 | 22 | 22 | 24,5 | 29,0 | EBU1M(FxG1) |
| M25X1,5 | 5,0 | 12,8 | 9,0 | 16,0 | 28 | 28 | 31,0 | 32,5 | EBU2M(FxA2) |
| | 5,5 | 10,7 | 9,0 | 16,0 | 28 | 28 | 31,0 | 32,5 | EBU2M(FxH2) |
| | 5,5 | 11,7 | 9,0 | 16,0 | 28 | 28 | 31,0 | 32,5 | EBU2M(FxC2) |
| | 6,0 | 8,5 | 9,0 | 16,0 | 28 | 28 | 31,0 | 32,5 | EBU2M(FxB2) |
| | 6,0 | 14,0 | 9,0 | 16,0 | 28 | 28 | 31,0 | 32,5 | EBU2M(FxD2) |
| | 7,3 | 13,3 | 9,0 | 16,0 | 28 | 28 | 31,0 | 32,5 | EBU2M(FxF2) |
| | 6,8 | 15,3 | 9,0 | 16,0 | 28 | 28 | 31,0 | 32,5 | EBU2M(FxG2) |
| | 9,1 | 12,3 | 9,0 | 16,0 | 28 | 28 | 31,0 | 32,5 | EBU2M(FxE2) |

Thread Type **NPT** acc. to ANSI ASME B1.20.1

| Outer Thread Size (Male) | Flat Hole | | Outer Thread Length | Spanner Width | | Outer Ø | max.Height | Part Number |
|--------------------------|-------------|------------|---------------------|---------------|------------|---------|------------|-------------|
| | Height B mm | Width A mm | | Cap | Body | | | |
| | | | TL mm | SW Cap mm | SW Body mm | | | |
| NPT 1/2" | 5,0 | 12,2 | 16,0 | 22 | 22 | 24,5 | 29,0 | EBU1N(FxA1) |
| | 5,5 | 11,7 | 16,0 | 22 | 22 | 24,5 | 29,0 | EBU1N(FxC1) |
| | 6,0 | 8,5 | 16,0 | 22 | 22 | 24,5 | 29,0 | EBU1N(FxB1) |
| | 6,0 | 12,2 | 16,0 | 22 | 22 | 24,5 | 29,0 | EBU1N(FxD1) |
| | 6,3 | 10,8 | 16,0 | 22 | 22 | 24,5 | 29,0 | EBU1N(FxE1) |
| | 6,7 | 12,7 | 16,0 | 22 | 22 | 24,5 | 29,0 | EBU1N(FxG1) |
| NPT 3/4" | 5,0 | 12,8 | 16,0 | 28 | 28 | 31,0 | 32,0 | EBU2N(FxA2) |
| | 5,5 | 10,7 | 16,0 | 28 | 28 | 31,0 | 32,0 | EBU2N(FxH2) |
| | 5,5 | 11,7 | 16,0 | 28 | 28 | 31,0 | 32,0 | EBU2N(FxC2) |
| | 6,0 | 8,5 | 16,0 | 28 | 28 | 31,0 | 32,0 | EBU2N(FxB2) |
| | 6,0 | 14,0 | 16,0 | 28 | 28 | 31,0 | 32,0 | EBU2N(FxD2) |
| | 6,8 | 15,3 | 16,0 | 28 | 28 | 31,0 | 32,0 | EBU2N(FxG2) |
| | 7,3 | 13,3 | 16,0 | 28 | 28 | 31,0 | 32,0 | EBU2N(FxF2) |
| | 9,1 | 12,3 | 16,0 | 28 | 28 | 31,0 | 32,0 | EBU2N(FxE2) |