

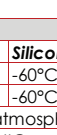
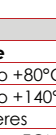




## Cable Glands for Non-armoured Flat Cables

# E-OCTANS FLAT

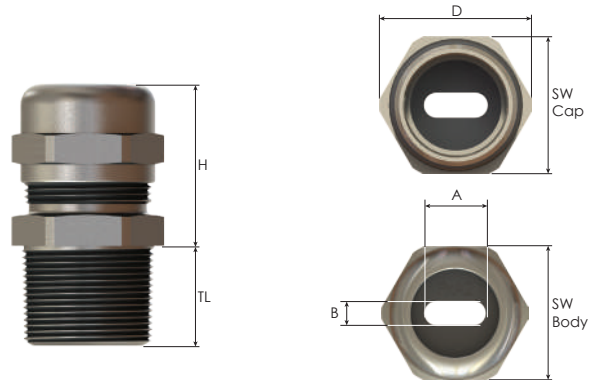
Technical Details	
<b>Material</b>	<b>Body, Cap</b> Brass, Brass Nickel Plated, Stainless Steel, Aluminium <b>Seal</b> CR (Chloroprene), Silicone <b>O-ring</b> CR (Chloroprene), Silicone
<b>Ingress Protection Rating</b>	IP 68 - 5 Bar, 30 min IP 66
<b>Operating Temperature</b>	<b>Seal Material</b> <b>CR (Chloroprene)</b> -40°C to +80°C <b>Silicone</b> -60°C to +80°C
<b>Ex d/tb</b>	-40°C to +80°C
<b>Ex e/tb</b>	-40°C to +80°C
<b>Equipment For</b>	Gas & Dust potentially explosive atmospheres
<b>Suitable for use in</b>	Group II Gas Group IIC ZONE1/ZONE2 Group III Dust Group IIIC ZONE21/ZONE 22
<b>Equipment Marking</b>	Ex II 2GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db
<b>Marking Example *</b>	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
<b>Thread Type</b>	<ul style="list-style-type: none"> <li>• Metric (M) ISO Pitch 1,5</li> <li>• NPT (N) ANSI ASME B1.20.1</li> <li>• Other thread types also available upon request.</li> </ul>
<b>Cable Type</b>	Flat form non armoured cable
<b>Accessories</b>	<ul style="list-style-type: none"> <li>• Lock nuts</li> <li>• Gaskets (Washers)</li> <li>• Serrated Washers</li> <li>• Shrouds</li> <li>• Earth tags</li> <li>• Dome plugs</li> </ul>
<b>Remarks</b>	<ul style="list-style-type: none"> <li>• Accessories must be ordered separately.</li> <li>• O-ring available in Metric outer threads.</li> </ul>
<b>Approvals</b>	<b>Certificate Number</b> <b>Standards</b>
	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      GOCT 31610.0-2014 GOCT IEC 60079-1:2013 GOCT 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
<b>Example</b>								
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 TL mm	Spanner Width		Outer Ø	max.Height	Part Number
	Height B mm	Width A mm		Cap	Body			
				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)