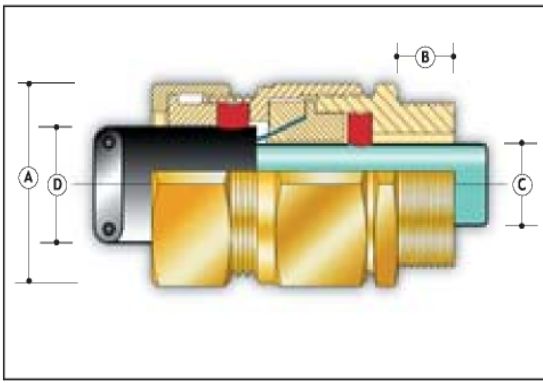




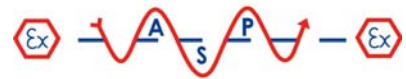
PEPPERS E8XF CABLE GLAND

EExe II Increased Safety, Flameproof Zones 1 & 2, 21 & 22

E8XF type glands provide pull resistant seals on the inner and outer sheath and a braid armour clamp. The armour clamp provides an electrical bond between the cable armour and the gland. E8XF type glands maintain Flameproof Exd and Increased Safety Exe methods of explosion protection and IP66.

DESIGN STANDARD	EN 50014:1998, EN 50018:2000, EN 50019:2000 and EN 50281-1-1:1998																					
CERTIFICATION	 ATEX II 2 GD, E Exd IIC / E Exe II GOST R-Exd IICU/Exe IIU																					
CERTIFICATE	SIRA 01ATEX1270X - Ex Notified Body No. 0518 POCC GB 05.B00482																					
GLAND MARKING	CENELEC and ATEX Example: Peppers GU15 3BT UK E8XF SIZE/ THREAD XX SIRA 01ATEX1270X  II 2GD IP66 EExdIIC / EExe II (XX = Year Code)																					
APPLICATION	<p>EExd Equipment E8XF type glands will only maintain Flameproof Exd integrity when used with cable that has a suitable profile and is compact with extruded bedding. The cable shall be deemed to be effectively filled. Ref: IEC60079-14:2002 Section 10.4.2</p> <table border="1"> <thead> <tr> <th>Gas Group</th> <th>Internal Ignition Source</th> <th>Enclosure Volume</th> <th>Which Zone</th> <th>Use E8XF Gland</th> </tr> </thead> <tbody> <tr> <td>IIC, IIB, IIA</td> <td>NO</td> <td>2 litres or less</td> <td>Zone 1 or 2</td> <td>YES</td> </tr> <tr> <td>IIB, IIA</td> <td>YES</td> <td>Any</td> <td>Zone 2</td> <td>YES</td> </tr> <tr> <td>IIB, IIA</td> <td>YES</td> <td>2 litres or less</td> <td>Zone 1</td> <td>YES</td> </tr> </tbody> </table> <p>EExe Equipment Gas Group II, Zones 1 and 2</p> <p>Other Equipment Ignitable Dust, Zones 21 and 22</p>		Gas Group	Internal Ignition Source	Enclosure Volume	Which Zone	Use E8XF Gland	IIC, IIB, IIA	NO	2 litres or less	Zone 1 or 2	YES	IIB, IIA	YES	Any	Zone 2	YES	IIB, IIA	YES	2 litres or less	Zone 1	YES
Gas Group	Internal Ignition Source	Enclosure Volume	Which Zone	Use E8XF Gland																		
IIC, IIB, IIA	NO	2 litres or less	Zone 1 or 2	YES																		
IIB, IIA	YES	Any	Zone 2	YES																		
IIB, IIA	YES	2 litres or less	Zone 1	YES																		
INGRESS PROTECTION	IP66																					
MATERIALS	Brass CZ121 (E8XF) 316 Stainless Steel (E8XSF) Inner and Outer sheath seal material: Standard Silicone, red or white																					
OPTIONS	THREADS	ISO Metric; NPT; NPS; ISO Pipe Thread (BSP Taper, BSP Parallel); PG																				
	PLATING	Zinc (ZP); Nickel (NP); Tin (TP); Electroless Nickel (EN)																				
OPERATING TEMPERATURES	-60°C to +180°C																					
ACCESSORIES	Locknut - Brass (ACBLN); 316 Stainless Steel (ACSLN) Earth Tag - Brass (ACBET), 316 Stainless Steel (ACSET) IP Washer - Nylon (ACNSW); Red Fibre (ACFSW) Serrated Lock Washer - 316 Stainless Steel (ACSSW), Galvanised Steel (ACGSW)																					
EXAMPLE PART NUMBER	Sample: E8XF /ZP/20S/M20 E8XF: E8XF - Gland type and body material (Brass) ZP - Zinc plating 20s - Gland size with regards to cable acceptance range M20 - Entry thread																					





Gland Size	Entry Threads	Entry Thread Length	Max Across Corners	Max Protrusion Length	Gland Seal Range								Armour Acceptance Range
					Cable Inner Sheath [C]				Cable Outer Sheath [D]				
	Metric	[B]	[A]	Width		Thickness		Width		Thickness			
				Min	Max	Min	Max	Min	Max	Min	Max		
20s	M20	16	26.5	58.0	6.3	11.7	4.0	7.0	7.9	11.7	4.5	7.0	0.1-0.30
20R	M20	16	33.0	58.0	8.1	13.5	5.8	6.2	7.5	16.1	3.0	8.3	0.1-0.45
20	M20	16	33.0	58.0	10.3	13.5	5.6	9.0	11.0	13.5	4.5	9.0	0.1-0.30

All Dimensions are in Millimetres

NOTES:

- Gland Size does not necessarily equate to the entry thread size
- "X" refers to the wire diameter in a braided cable
- Please note that dimensions (A) and (B) may differ for glands with non-Metric entry threads. Please refer to our thread data tables for specific dimensions
- Unless otherwise stated ISO Metric entry threads have a 1.5mm pitch
- For Flameproof Exd applications the female thread into which the gland is to be fitted must comply with clause 5.3 of EN 50018:2000 (clause 5.3 IEC 79-1) and an engagement of at least 5 full threads must be achieved for parallel threads and should be achieved for tapered threads
- Where E8XF type glands are fitted into non-metallic Increased Safety Exe enclosures they must be included within the earth circuit of the system
- The user should seek expert advice if intending to combine flammable gases and combustible dusts in one environment/installation
- Full assembly instructions are supplied with glands, the instructions must be read prior to installation and adhered to in full

Supplied by:

A.S.P. Electro-Technology Ltd
Specialist Suppliers of Hazardous Area Certified
Electrical Products & Instrumentation

39 London Road, Hinckley, LE10 1HQ. U.K.
Tel: +44 (0)1455 635796 Fax: +44 (0)1455 251110
Email: sales@asp-electro-tech.com Web: www.asp-electro-tech.com



This publication is not intended to form the basis of a contract. All the above specifications, dimensions, weights, tolerances etc are typical and may be varied or changed by the manufacturer without prior notice. A.S.P. Electro-Technology accept no liability for consequence of use.