

Reducer and Adaptor EXDE



Adaptors and reducers provide a method of matching electrical thread forms on hazardous area approved equipment while ensuring that integrity and Ex approval of the installation is maintained.

Manufactured from hexagon material to facilitate easy installation they are also complete with a captive o-ring seal. The o-ring is located in a recess on the face of the product, helping to protect the o-ring from environmental damage and ensuring that it is not displaced during installation.

Adaptors are used where the thread size of the cable gland or connection device is larger than, or of an equivalent size, to the entry thread of the enclosure.

Reducers are used where the thread size of the cable gland device is smaller than the entry thread enclosure.

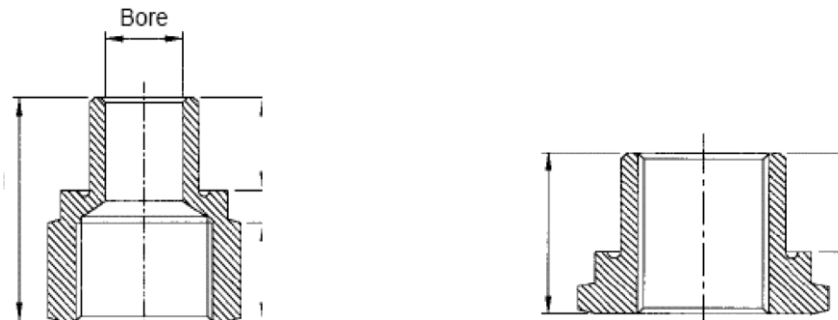
Adaptors and reducers are designed for hazardous area applications and are certified to protection concepts Exd "Flameproof" and Exe "Increased Safety" for use in Zone 1 and Zone 2 applications.

- Protection method: Exd - Flameproof/Exe - Increased safety
- Ingress protection: IP66/IP67/IP68 to a depth of 2 mtr.
- Ambient temperature range: - 50C° to 100 C°
- Materials: Brass CZ121, 316 stainless steel, aluminium 6082, mild steel EN1A
- Plating: Nickel, electroless nickel, zinc, others up
- O-ring materials: Nitrile, silicone, vitron, EDPM, neoprene, others up
- Standards approved to: IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 61241-0 IEC 61241-1
- Approval: Cenelec ATEX, IECEX, GOST-R, CSA
SIRA 00ATEX 1094X
IECEX SIR 12.0016X
CSA 1248014CLR106084-2

		Adaptor								
		Female	M16	M20	M25	M32	M40	M50	M63	M75
		Male								
Reducer	M16			8002143						
	M20		8002426 / 8009123 *	8002144	8002145	8000543				
	M25		8002791	8002151 / 8008415*		8002417				
	M32			8002077	8002078 / 8008416*		8000546	8073846		
	M40			8002086	8002079	8002080 / 8008411*		8002418		
	M50			8000682	8002676	8002828	8002429		8002419	
	M63			8060357	8060356	8005960	8000686	8002827		
	M75								8002789	

*The part number highlighted with * refers to the Nickel Plated product
The items are also available in RG and NPT sizes

Order Code for Reducer and Adaptor



Example				
SAX	M20	M25	1	0
1: Adaptor	2: Male	3: Female	4: Material	5: Plating

1: Type.

SAX = Adaptor

SRX = Reducer

SAVX = 90 deg C Adaptor

2: Male

M16-M20-M25-M32-M40-M50-M63-M75

1/2"NPT-3/4"NPT-1"NPT-1.1/4"NPT-1.1/2"NPT-2"NPT-2.1/2"NPT

PG7-PG9-PG11-PG13,5-PG16-PG21-PG29-PG36-PG42-PG48

3: Female

M16-M20-M25-M32-M40-M50-M63-M75

1/2"NPT-3/4"NPT-1"NPT-1.1/4"NPT-1.1/2"NPT-2"NPT-2.1/2"NPT

PG7-PG9-PG11-PG13,5-PG16-PG21-PG29-PG36-PG42-PG48

4: Material

1 = Brass (Standard stock)

2 = Stainless Steel 316

3 = Aluminium

5: Plating

0 = Unplated (Standard stock)

1 = Nickel

Other dimensions or materials up.

Exd "Flameproof" and Exe "Increased Safety" Dome Head Stopping Plugs



Dome head stopping plugs provide a method of blanking off unused entries in approved hazardous area equipment while ensuring that integrity and Ex approval of the installation are maintained.

Dome head plugs are designed to be installed with an Allen key from the outside of an enclosure and are supplied complete with a captive o-ring seal. The o-ring is located in a recess on the face of product, helping to protect the o-ring from environmental damage and ensuring that it is not displaced during installation.

Dome head stopping plugs are designed for hazardous area applications and are certified to protection concepts Exd "Flameproof" and Exe "Increased Safety" for use in zone 1 and zone 2 applications.

- Protection method: Exd - Flameproof/Exe - Increased Safety
- Ingress protection maintained: IP66/IP68 to a Depth of 2 Metres
- Impact resistance: 20 Nm (7Nm for Aluminium Products)
- Ambient temperature range: -50C° to 100C°
- Materials: Brass CZ121, 316 Stainless Steel, Aluminium 6082
- Plating: Nickel, Electroless Nickel, Zinc. Other materials are available up

Available sizes and dimensions						
Size	Hex socket	Thread length	Total length	Order number Brass	Order number Nylon	Order number Nickel Plated
M16	8	16	21.5	8001308		8008423
M20	10	16	21.5	8002148	8002147	8008420
M25	10	16	21.5	8002149	8008555	8008421
M32	10	16	21.5	8002499		8008422
M40	10	16	21.5	8002500		8008424
M50	10	16	21.5	8002354		8008419
M63	10	16	21.5	8010656		
M75	10	16	21.5			

Other thread forms and materials are available up.

Thread former: Metric, NPT NPSM, ISO Pipe (BSP), PG
 ET Materials: Brass, 316 Stainless Steel, Aluminium
 Certificate: SIRA 00ATEX1094X, IECExSIR 12.0016X

Exe "Increased Safety" Hexagon Head Stopping Plugs



Hex Head Stopping Plugs provide a method of blanking off unused entries in hazardous area approved equipment while ensuring that integrity and Ex approval of the installation is maintained

The PH-E series of stopping plugs is designed to be installed from the outside of an enclosure and can be used in a threaded or un-threaded entry hole. An appropriate sized sealing washer can be used to ensure the required level of ingress protection.

Hex Head Stopping Plugs are designed for hazardous area applications and are certified to protection concept Exe "Increased Safety" for use in Zone 1 and Zone 2 applications.

- Protection method: Exe - Increased Safety
- Ingress protection maintained: IP64
- Impact resistance: 7Nm

Available sizes and dimensions			
Size	Thread length	Total length	Order number Brass
M16	10	14.5	8000580
M20	10	15	8002150
M25	10	15	8002124
M32	10	15	8000581
M40	10	15.5	8002825
M50	10	15.5	8002834
M63	10	16	8002838
M75	10	16	

The product is also available in NPT and PG sizes

Other thread forms and materials up.

Thread forms: Metric, NPT NPSM, ISO Pipe(BSP), PG ET

Materials: Brass, 316 stainless steel, aluminium

- Ambient temperature range - 50°C to 100°C
- Materials Brass CZ121, 316 stainless steel, aluminium 6082
- Plating Nickel, electroless nickel, zinc, others up
- O-ring material None
- Standards approved to IEC 60079-0, IEC 60079-1, IEC 61241-0, IEC 61241-1
- CENELEC ATEX approval SIRA00ATEX3092X

Exd "Flame Proof" Type "A" and Type "B" Stopping Plugs



A Type: Externally accessible
hexagon recess



B Type: Internally accessible
hexagon recess

Type "A" and "B" Stopping Plugs provide a method of blanking off unused entries in hazardous area approved equipment while ensuring that integrity and Ex approval of the installation is maintained.

Type A Stopping Plugs are designed to be installed from the outside of an enclosure and tightened with an appropriate Allen key. When installed they fall flush with the outside of the enclosure wall.

Type B Stopping Plugs are designed to be installed from the outside of an enclosure. The hexagon recess is located on the inside and the plug is tightened with an appropriate Allen key. Due to this feature they are sometimes referred to as tamper-proof stopping plugs. When installed they fall flush with the outside of the enclosure wall.

- Protection method Exd – Flameproof
- Ingress protection maintained IP64
- Impact resistance 7Nm
- Ambient temperature range - 50°C to 100°C
- Materials Brass CZ121, 316 stainless steel, aluminium 6082
- Plating Nickel, electroless nickel, zinc, others up
- O-ring materials None
- Standards approved to IEC 60079-0, IEC 60079-1, IEC 61241-0, IEC 61241-1
- CENELEC ATEX approval SIRA99ATEX1113X, IECEX SIR 0016X

Type A and Type B Stopping Plugs are designed for hazardous area applications and are certified to protection concept Exd "Flameproof" for use in Zone 1 and Zone 2 applications.

Available sizes and dimensions			
Size	Hex socket A/F	Total length	Order number Brass
M16 Type A	8	17	
M20 Type A	10	17	8002720
M25 Type A	10	17	8002721
M32 Type A	10	17	8002724
M40 Type A	10	17	
M50 Type A	10	17	8002727
M63 Type A	10	17	8002728
M75 Type A	10	17	8003695
M16 Type B	8	17	
M20 Type B	10	17	8002722
M25 Type B	10	17	8002723
M32 Type B	10	17	8002725
M40 Type B	10	17	8002729
M50 Type B	10	17	
M63 Type B	10	17	8002730
M75 Type B	10	17	
PG-7 Type B	6	16	
PG11 Type B	10	17	8002731
PG-13.5 Type B	10	17	8002732
PG-16 Type B	10	17	8002733
PG-21 Type B	10	17	8002734
PG-29 TypeB	10	17	8002735

Other thread forms and materials up.

Thread forms: Metric, NPT NPSM, ISO Pipe(BSP), PG ET

Materials: Brass, 316 stainless steel, aluminium