

TB-PSE SERIES

Universal single seal cable gland
for unarmoured cable



Applications:

Flexible cables are often not armoured (e.g. sensor cables).

When installed in hazardous areas, Zone 1, 2, 21 and/or 22, cables need to be protected against mechanical damage.

The TB-PSE series M20-M25-M32 offers the possibility to connect directly a protective conduit that offers the protection as required.

the top part of the gland is threaded, same as the connection to the enclosure, for metric size M20 - M25 -M32.



Applicable standards:

- IEC 60079-0	: 2011	EN 60079-0	: 2012/A11:2013
- IEC 60079-1	: 2007	EN 60079-1	: 2007
- IEC 60079-7	: 2006	EN 60079-7	: 2007
- IEC 60079-31	: 2013	EN 60079-31	: 2014

Specifications

ATEX certificate	: INERIS 15ATEX0028X
IECEx certificate	: IECEx INE15.0035X
Category	: II 2GD : I M2
Protection	: Ex d IIC Gb : Ex e IIC Gb : Ex tb IIIC Db IP66 : Ex d I mb
Service temperature	: -40 °C till +100 °C
Ingress protection	: IP66
Gasket	: EPDM rubber with hardness 60-65 shore
Material	: Brass nickel plated

Sizes and dimensions:

size	description	inner gasket A1*	inner- A2*	inner- A3*	metric	NPT	B	C
1	TB-PSE-1*	4 -7 mm	7-9,5 mm	9-12 mm	M 20	1/2"	30	27
2	TB-PSE-2*	9 - 12 mm	12-14,5 mm	14-17 mm	M 25	3/4"	35	32
3	TB-PSE-3*	14 - 17 mm	17-20 mm	20-23 mm	M 32	1"	43	38

Example:

- (1) TB-PSE-1A1 - M20 = Single seal cable gland, type PSE with inner gasket 4-7mm with a M20 threading
- (2) TB-PSE-2A2 - 3/4"NPT = Single seal cable gland, type PSE with inner gasket 12-14,5mm with a 3/4"NPT threading

Optional and accessories

- Shrouds
- Adaptors
- Reducers
- Stopping plugs
- Stainless steel AISI 316

