

TB-BAP SERIES

Double seal barrier gland with earth continuity



Applications:

The cable glands can be fitted on equipment with type protection “Ex d”, “Ex e”, “Ex i”, “Ex m”, “Ex p”, and “Ex n”. When the cable gland is fitted on equipment with type protection “Ex i” the top part of the cable gland and /or the shroud will be blue color. The TB cable glands are standard available for Metric ISO 261 threading. On request NPT and PG treading is possible.



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

Size and dimensions:

size	description	inner A1*	inner- A2*	inner- A3*	inner- A4*	inner- A5*	outer B1**	outer B2**	outer B3**	metric	NPT	B	C
1	TB-BAP-1*....**	4-7 mm	7-9,5 mm	9-12 mm			8-13 mm	12-18 mm		M 20	1/2"	30	27
2	TB-BAP-2*....**	9-12 mm	12-14,5 mm	14-17 mm			14-19 mm	18-23 mm		M 25	3/4"	35	32
3	TB-BAP-3*....**	14-17 mm	17-20 mm	20-23 mm			18-23 mm	21-26 mm	24-29 mm	M 32	1"	43	38
4	TB-BAP-4*....**	20-23 mm	23-26 mm	26-29 mm			24-30 mm	29-35 mm		M 40	1 1/4"	50	45
5	TB-PAP-5*....**	20-23 mm	23-26 mm	26-29 mm	29-32 mm	32-35,5 mm	29-35 mm	36-41 mm		M 50	1 1/2"	64	58
6	TB-BAP-6*....**	32-35,5 mm	36-39 mm	39-43 mm	43-46 mm		42-47 mm	46-50 mm	50-55 mm	M 63	2"	74	68
7	TB-BAP-7*....**	44-47 mm	48-52 mm	52-55 mm			55-59 mm			M 75	2 1/2"	91	82
8	TB-BAP-8*....**	52-57 mm	57-61 mm				60-65 mm	65-70 mm		M 85	3"	110	100
8A	TB-BAP-8A*....**	61-65 mm	65-68 mm				70-78 mm			M 85	3"	110	100

Example:

- (1) TB-BAP-1A1B2 - M20 = Barrier cable gland, type PAP (= double seal) with inner gasket 4-7mm and outer gasket 12-18mm with a M20 threading
- (2) TB-BAP-2A2B2 - 3/4" NPT = Barrier cable gland, type PAP (= double seal) with inner gasket 12-14,5mm and outer gasket 18-23mm with a 3/4" NPT threading

Optional and accessories

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

