

TB-BAM SERIES

Single seal barrier cable gland
without 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 glands 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

Sizes and dimension:

size	description	inner gasket A1*	inner- A2*	inner- A3*	inner- A4*	inner- A5*	metric	NPT	B	C
1	TB-BAM-1*	4-7 mm	7-9,5 mm	9-12 mm			M 20	1/2"	30	27
2	TB-BAM-2*	9-12 mm	12-14,5 mm	14-17 mm			M 25	3/4"	35	32
3	TB-BAM-3*	14-17 mm	17-20 mm	20-23 mm			M 32	1"	43	38
4	TB-BAM-4*	20-23 mm	23-26 mm	26-29 mm			M 40	1 1/4"	40	45
5	TB-BAM-5*	20-23 mm	23-26 mm	26-29 mm	29-32 mm	32-35,5 mm	M 50	1 1/2"	64	58
6	TB-BAM-6*	32-35,5 mm	36-39 mm	39-43 mm	43-46 mm		M 63	2"	74	68
7	TB-BAM-7*	44-47 mm	48-52 mm	52-55 mm			M 75	2 1/2"	91	82
8	TB-BAM-8*	52-57 mm	57-61 mm				M 85	3"	110	100
9	TB-BAM-9*	61-65 mm	65-68 mm				M 85	3"	110	100

Example:

(1) TB-BAM-1A1B2 - M20 = Single seal cable gland with barrier, type BAM with inner gasket 4-7 mm with a M20 threading

(2) TB-BAM-2A2B2-3/4"NPT = Single seal cable gland with barrier, type BAM with inner gasket 12-14,5 mm with a 3/4"NPT threading

Optional and accessories

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

