

Technd Ex Cable glands

Universal Ex Cable glands
Barrier Ex Cable glands



Technd TB-PAM Series cable glands

Universal single seal cable gland without earth continuity

Applications:

The cable glands can be fitted on equipment with the protection "Ex d", "Ex e", "Ex i", "Ex m" 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 threading is possible.

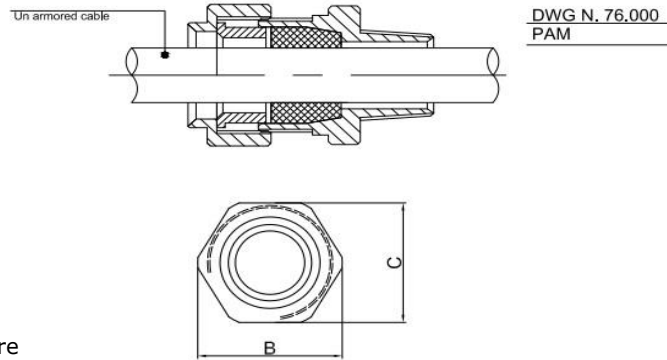


Application standards:

-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:

Gaskets = inner dimension

Number	Size	Gasket A1	Gasket A2	Gasket A3	Gasket A4	Gasket A5	Metric	B - C
02TE3001	1	4-7mm	7-9,5mm	9-12mm			M20	30-27mm
02TE3002	2	9-12mm	12-14,5mm	14-17mm			M25	35-32mm
02TE3003	3	14-17mm	17-20mm	20-23mm			M32	43-38mm
02TE3004	4	20-23mm	23-26mm	26-29mm			M40	50-45mm
02TE3005	5	20-23mm	23-26mm	26-29mm	29-32mm	32-35,5mm	M50	64-58mm
02TE3006	6	32-35,5mm	36-39mm	39-43mm	43-46mm		M63	74-68mm
02TE3007	7	44-47mm	48-52mm	52-55mm			M75	91-82mm
02TE3008	8	52-57mm	57-61mm				M85	110-100mm
02TE3009	8A	61-65mm	68-68mm				M85	110-100mm

Example:

- 1) TB-PAM-1A1 : Single seal cable gland, type PAM with inner gasket 4-7mm with a M20 metric threading.
- 2) TB-PAM 2A2 : Single seal cable gland, type PAM with inner gasket 12-14,5mm with a M25 metric threading.

Optional accessories:

Shrouds, adaptors, reducers, stopping plugs, Stainless Steel AISI316 version.

Techned TB-PAP Series cable glands

Universal double seal cable gland with earth continuity.

Applications:


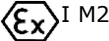
The cable glands can be fitted on equipment with the protection "Ex d", "Ex e", "Ex i", "Ex m" and "Ex n".
When the cable glands is fitted on equipment with type protection "Ex i" the top part of the cable gland and/or the shroud will be blue color. The TB cable glands are standard available for Metric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



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-IEC 60079-1	: 2007	EN 60079-1	: 2007
-IEC 60079-7	: 2006	EN 60079-7	: 2007
-IEC 60079-31	: 2013	EN 60079-31	: 2014

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: Ex d I mb
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Material : Brass nickel plated



Sizes and dimensions:

Gaskets = inner dimension

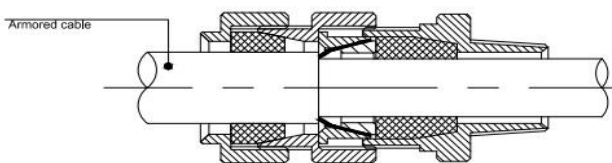
Number	Size	Gasket A1	Gasket A2	Gasket A3	Gasket A4	Gasket A5	Metric	B - C
02TE3021	1	4-7mm	7-9,5mm	9-12mm			M20	30-27mm
02TE3022	2	9-12mm	12-14,5mm	14-17mm			M25	35-32mm
02TE3023	3	14-17mm	17-20mm	20-23mm			M32	43-38mm
02TE3024	4	20-23mm	23-26mm	26-29mm			M40	50-45mm
02TE3025	5	20-23mm	23-26mm	26-29mm	29-32mm	32-35,5mm	M50	64-58mm
02TE3026	6	32-35,5mm	36-39mm	39-43mm	43-46mm		M63	74-68mm
02TE3027	7	44-47mm	48-52mm	52-55mm			M75	91-82mm
02TE3028	8	52-57mm	57-61mm				M85	110-100mm
02TE3029	8A	61-65mm	68-68mm				M85	110-100mm

Example:

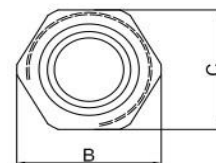
- 1) TB-PAP-1A1B2 Double seal cable gland, type PAP with inner gasket 4-7mm and an outer gasket 12-18mm with M20 metrisch treading.
- 2) TB-PAP 2A2B2 Double seal cable gland, type PAP with inner gasket 12-14,5mm and an outer gasket 18-23mm with M25 metrisch treading.

Optional accessories:

Shrouds, adaptors, reducers, stopping plugs, Stainless Steel AISI316 version.



DWG N. 72.000
PAP



Technd TB-PSE Series cable glands

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 protection. 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.



Application standards:


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

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:  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:

Gaskets = inner dimension

Number	Size	Gasket A1	Gasket A2	Gasket A3	Gasket A4	Gasket A5	Metric	B - C
02TE3041	1	4-7mm	7-9,5mm	9-12mm			M20	30-27mm
02TE3042	2	9-12mm	12-14,5mm	14-17mm			M25	35-32mm
02TE3043	3	14-17mm	17-20mm	20-23mm			M32	43-38mm

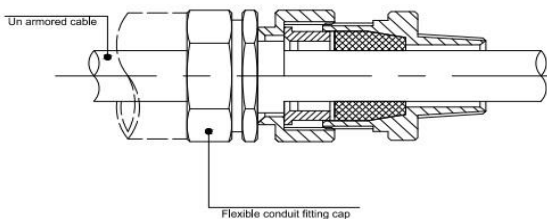
Example:

1) TB-PSE-1A1 Single seal cable gland, type PSE with inner gasket 4-7mm with a M20 threading.

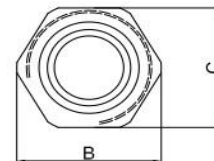
2) TB-PSE-2A2 Single seal cable gland type PSE with inner gasket 12-14,5mm with a M25 threading.

Optional accessories:

Shrouds, adaptors, reducers, stopping plugs, Stainless Steel AISI316 version.



DWG N. 73.000
PSE



Techned TB-BAM Series cable glands

Single seal barrier cable gland without earth continuity

Applications:



The cable glands can be fitted on equipment with the protection "Ex d", "Ex e", "Ex i", "Ex m" 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 threading is possible.



Application standards:

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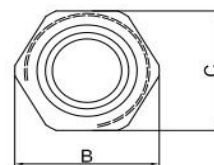
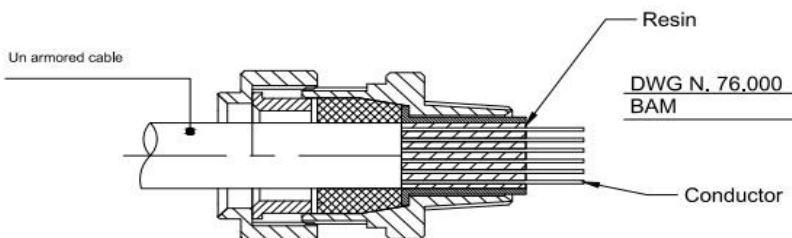
Number	Size	Gasket A1	Gasket A2	Gasket A3	Gasket A4	Gasket A5	Metric	B - C
02TE3061	1	4-7mm	7-9,5mm	9-12mm			M20	30-27mm
02TE3062	2	9-12mm	12-14,5mm	14-17mm			M25	35-32mm
02TE3063	3	14-17mm	17-20mm	20-23mm			M32	43-38mm
02TE3064	4	20-23mm	23-26mm	26-29mm			M40	50-45mm
02TE3065	5	20-23mm	23-26mm	26-29mm	29-32mm	32-35,5mm	M50	64-58mm
02TE3066	6	32-35,5mm	36-39mm	39-43mm	43-46mm		M63	74-68mm
02TE3067	7	44-47mm	48-52mm	52-55mm			M75	91-82mm
02TE3068	8	52-57mm	57-61mm				M85	110-100mm
02TE3069	8A	61-65mm	68-68mm				M85	110-100mm

Example:

- 1) TB-BAM-1A1B2 Single seal cable gland with barrier, type BAM with inner gasket 4-7mm with a M20 threading
- 2) TB-BAM-2A2B2 Single seal cable gland with barrier, type BAM with inner gasket 12-14,5mm with a M25 threading

Optional accessories:

Shrouds, adaptors, reducers, stopping plugs, Stainless Steel AISI316 version.



Techned TB-BAP Series cable glands

Double seal barrier cable gland with earth continuity

Applications:



The cable glands can be fitted on equipment with the protection "Ex d", "Ex e", "Ex i", "Ex m" 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.
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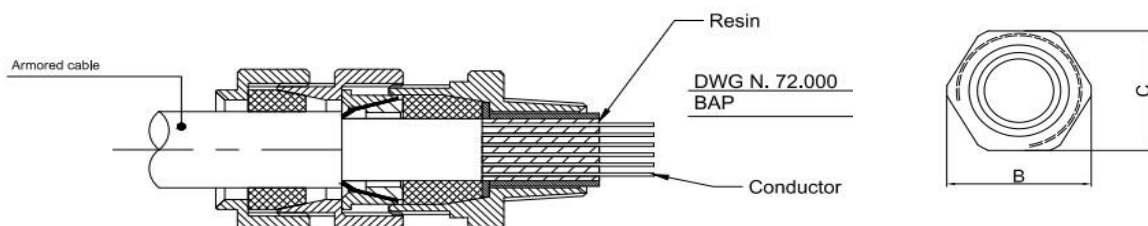
Number	Size	Gasket A1	Gasket A2	Gasket A3	Gasket A4	Gasket A5	Metric	B - C
02TE3081	1	4-7mm	7-9,5mm	9-12mm			M20	30-27mm
02TE3082	2	9-12mm	12-14,5mm	14-17mm			M25	35-32mm
02TE3083	3	14-17mm	17-20mm	20-23mm			M32	43-38mm
02TE3084	4	20-23mm	23-26mm	26-29mm			M40	50-45mm
02TE3085	5	20-23mm	23-26mm	26-29mm	29-32mm	32-35,5mm	M50	64-58mm
02TE3086	6	32-35,5mm	36-39mm	39-43mm	43-46mm		M63	74-68mm
02TE3087	7	44-47mm	48-52mm	52-55mm			M75	91-82mm
02TE3088	8	52-57mm	57-61mm				M85	110-100mm
02TE3089	8A	61-65mm	68-68mm				M85	110-100mm

Voorbeeld:

- 1) TB-BAP-1A1B2 Double seal barrier cable gland type BAP with inner gasket 4-7mm and outer gasket 12-18mm with a M20 threading
- 2) TB-BAP 2A2B2 Double seal barrier cable gland type BAP with inner gasket 12-14,5mm and outer gasket 18-23mm with a M25 threading

Optional accessories:

Shrouds, adaptors, reducers, stopping plugs, Stainless Steel AISI316 version.



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

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-IEC 60079-7	: 2006	EN 60079-7	: 2007
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Ingress protection : IP66

Gasket : EPDM rubber with hardness 60-65 shore

Material : Brass nickel plated



Sizes and dimensions:

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02TE3042	2	9-12mm	12-14,5mm	14-17mm			M25	35-32mm
02TE3043	3	14-17mm	17-20mm	20-23mm			M32	43-38mm

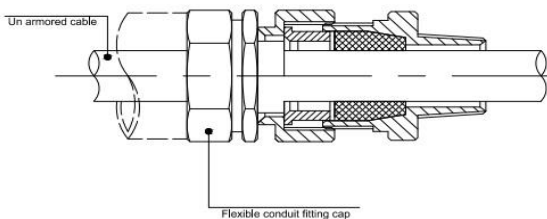
Example:

1) TB-BSE-1A1 Single seal barrier cable gland type BSE with inner gasket 4-7mm with a M20 threading.

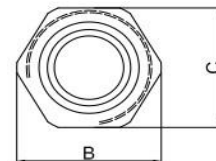
2) TB-BSE-2A2 Single seal barrier cable gland type BSE with inner gasket 12-14,5mm with a M25 threading

Optional accessories:

Shrouds, adaptors, reducers, stopping plugs, Stainless Steel AISI316 version.



DWG N. 73.000
PSE



Techned accessories for Ex cable glands

The following accessories are available for Techned Ex cable glands.

- Stopping plugs
- Reducers
- Adapters
- Fiber rings
- Lock nuts
- Shrouds
- Serrated washers
- Earth tags
- Gaskets
- Barrier bushing



All cable glands with a IECEx approval. (certificate available).
All cable glands with a Inersis Ex approval. (certificate available).

Optional cable glands available in NPT and PG threading

Conversion Metric - NPT

Metric	NPT
M20	1/2"
M25	3/4"
M32	1"
M40	1.1/4"
M50	1.1/2"
M63	2"
M75	2.1/2"
M85	3"

