

## CABLE GLANDS DATA SHEET

# DN CABLE GLANDS



Cable glands are suitable for installation in any areas of a plant where there is a risk of explosion and/or fire, or areas where combustible dust is present, classified as Zone 1, 2, 21, 22.

DN cable glands are suitable for unarmoured cable, outer sea.

Installation: indoors and outdoors.

#### Installation:

hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)

#### classification:

Group II - Category 2G 2D

#### EN/IEC Rules of compliance:

EN/IEC 60079-0

EN/IEC 60079-1

EN/IEC 60079-7

EN/IEC 60079-11

EN/IEC 60079-31

#### Ambient temperature:

With EPDM rubber form -40°C + 80°C.

With silicon rubber form -50°C + 150°C.

Directive ATEX 2014/34/EU

#### Certifications:

ATEX certificate: TUV CY24ATEX0207035X.

IECEX certificate: IECEX TPS 25.0074X

#### Mechanical features:

Material:

- Brass (nickel plated brass);
- Stainless steel AISI-316L.

O-rings: silicon rubber.

Rubber rings:

- EPDM, for standard cable glands;
- Silicon rubber (on request).

Washer: nylon 6.

#### Execution:

(Ex II 2G) Ex db IIC Gb / Ex eb IIC Gb/ Ex tb IIIC Db – IP66

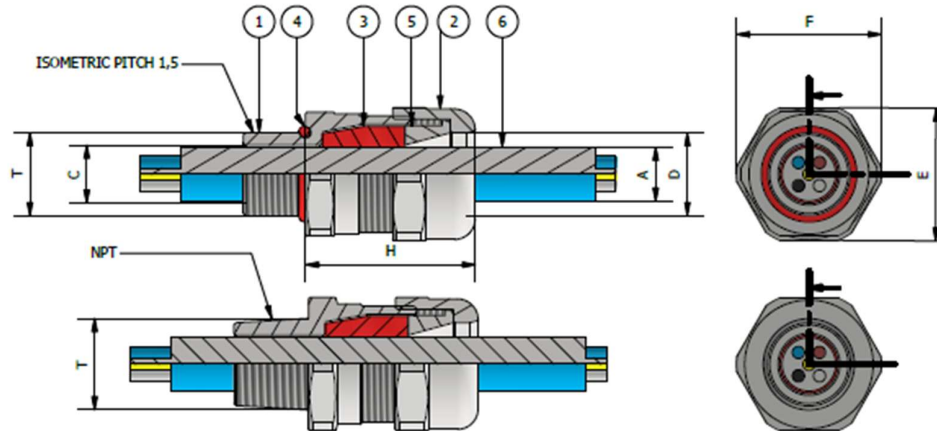
#### On request accessories:

PCV shroud (PTD), locknuts (DL),  
gasket (NW), serrated washer.  
earth tag (ET).

## CABLE GLANDS DATA SHEET

### DN FOR UNARMoured CABLE

ITEM	Q.TY	DESCRIPTION
1	1	BODY
2	1	GLAND NUT
3	1	INNER SEALING RING
4	1	O-RING ONLY FOR METRICAL
5	1	RUBBER PRESS RING
6	1	UNARMoured CABLE



CODE	SIZE	THREADS	A (mm)	C	D	H	E	F
DN0 M16	0	M16x1.5	Min. 4 - Max. 10	11	16	33	24	26
DN0 M20*	0	M20x1.5	Min. 4 - Max. 10	11	16	33	24	26
DN0 NPT	0	NPT 3/8"	Min. 4 - Max. 10	11	16	33	24	26
DN0 NPT1*	0	NPT 1/2"	Min. 4 - Max. 10	11	16	33	24	26
DN1 M20	1	M20x1.5	Min. 5,5 - Max. 13	14	20	41	32	35
DN1 M25*	1	M25x1.5	Min. 5,5 - Max. 13	14	20	41	32	35
DN1 NPT	1	NPT 1/2"	Min. 5,5 - Max. 13	14	20	41	32	35
DN1 NPT2*	1	NPT 3/4"	Min. 5,5 - Max. 13	14	20	41	32	35
DN2 M25	2	M25x1.5	Min. 10.5 - Max. 18	19	25	41	36	39
DN2 NPT	2	NPT 3/4"	Min. 10.5 - Max. 18	19	25	41	36	39
DN3 M32	3	M32x1.5	Min. 15 - Max. 24	25	32	52	45	49
DN3 NPT	3	NPT 1"	Min. 15 - Max. 24	25	32	52	45	49
DN4 M40	4	M40x1.5	Min. 21 - Max. 30	31	38	53	50	55
DN4 NPT	4	NPT 1 1/4"	Min. 21 - Max. 30	31	38	53	50	55
DN5 M50	5	M50x1.5	Min. 24 - Max. 36	37	44	53	61	65
DN5 NPT	5	NPT 1 1/2"	Min. 24 - Max. 36	37	44	53	61	65
DN6 M63	6	M63x1.5	Min. 36 - Max. 45	47	54	53	70	75
DN6 NPT	6	NPT 2"	Min. 36 - Max. 45	47	54	53	70	75

(\*) Special Body thread

CABLE GLANDS ORDERING EXAMPLE: **DN1MON**  
**DN5NIX**

DN	1M	ON
type of cable gland	size	material
unarmoured cable	M20	nickel plated brass

DN	5N	IX
type of cable gland	size	material
unarmoured cable	1 1/2"NPT	stainless steel