

CABLE GLANDS DATA SHEET

DNC 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.

DNC 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

Execution:

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

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).

Skid washer: nylon 6.

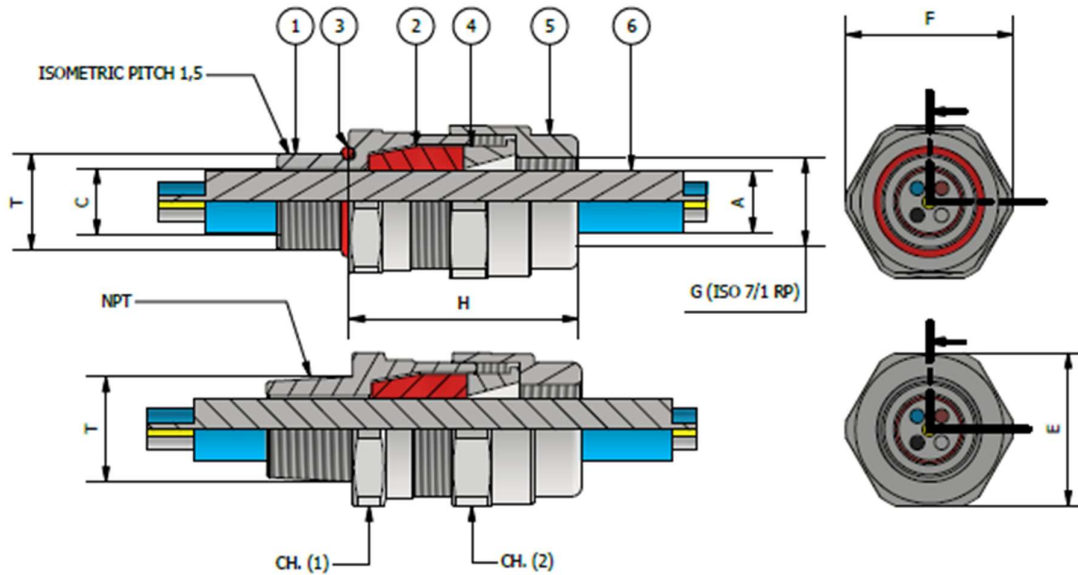
On request accessories:

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

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DNC FOR UNARMoured CABLE

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



CODE	SIZE	THREADS	A (mm)	C	G (ISO7/1 RP)	H	E	F
DNC1 M20	1	IM20x1.5	Min. 5,5 - Max. 13	14	1/2"	45	32	35
DNC1 NPT	1	NPT 1/2"	Min. 5,5 - Max. 13	14	1/2"	45	32	35
DNC2 M25	2	M25x1.5	Min. 10.5 - Max. 18	19	3/4"	45	36	39
DNC2 NPT	2	NPT 3/4"	Min. 10.5 - Max. 18	19	3/4"	45	36	39
DNC3 M32	3	IM32x1.5	Min. 15 - Max. 24	25	1"	54	45	49
DNC3 NPT	3	NPT 1"	Min. 15 - Max. 24	25	1"	54	45	49
DNC4 M40	4	M40x1.5	Min. 21 - Max. 30	31	1"1/4	55	50	55
DNC4 NPT	4	NPT 1"1/4	Min. 21 - Max. 30	31	1"1/4	55	50	55
DNC5 M50	5	M50x1.5	Min. 24 - Max. 36	37	1"1/2	55	61	65
DNC5 NPT	5	NPT 1"1/2	Min. 24 - Max. 36	37	1"1/2	55	61	65
DNC6 M63	6	M63x1.5	Min. 36 - Max. 45	47	2"	55	70	75
DNC6 NPT	6	NPT 2"	Min. 36 - Max. 45	47	2"	55	70	75

CABLE GLANDS ORDERING EXAMPLE: **DNC1MON**
DNC5NIX

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

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