



**Installation:** hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)  
**Classification:** Group II - Category 2G 2D



**REFERENCE STANDARDS**

**Directive 2014/34/EU**

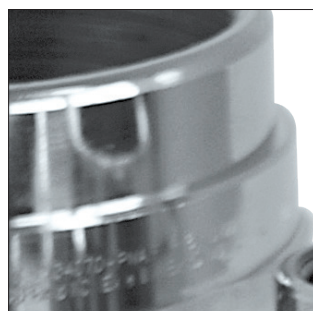
EXECUTION	⊗ II 2 G Ex db / Ex eb/ Ex ia/ IIC Gb ⊗ II 2 D Ex tb IIIC Db
RULES OF COMPLIANCE	EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-7; EN/IEC 60079-31
EC Type-Examination Certificate	INERIS 09 ATEX 0028X
PROTECTION DEGREE	IP66 or IP66/68
AMBIENT TEMPERATURE	-40°C ÷ +90°C (Rubber rings EPDM-60) -60°C ÷ +180°C (Rubber rings SILICON)
OTHER AVAILABLE CERTIFICATES	IECEX: IECEX INE 11.0017X INMETRO: CEPEL 12.2175X EAC: TC RU C-IT.BH02.B.00587 (-75°C ÷ +180°C) RINA: ELE139017CS004 RUSSIAN MARINE CERTIFICATE (RMRS): 19.02521.280 CCC 2020322313002895

**Mechanical characteristics**

Body / cap	OT-58 marine brass (ON) - AISI-316L stainless steel (XX) marine grade copper free aluminium (on project request only)
Finishes	full nickel plating treatment (brass material only)
Rubber rings	EPDM rubber 50-60 shore hardness (standard supply) Silicon rubber 60 shore hardness (on demand only)
O-ring	silicon rubber - 60 shore hardness
Skid washer	nylon 6.0
Chamber for sealing	OT-58 marine brass ("R" version only)

**Applications**

For unarmoured cables only
Suitable for flexible conduit coupling connection by threaded cap (uni iso 228)
Single compression type suitable for indoor and outdoor use
Single compression - on cable (inner sealing)
Sealing with proper resin into "chamber of sealing" ( on barrier type version "R" only )



**On Request Accessories:**

- Locknuts, Gaskets, PVC Shrouds, Earthing Tags, Sealing  
(See DL-NW-PTD-ET bulletin)

Cable gland selection table

CODE (1)	SIZE	ENTRY THREAD SIZE			INNER SHEATH DIA.		FEMALE THREAD UNI ISO 228 (4)	HEXAGON Ø [mm]	MATERIAL										
		METRIC (2)	NPT (2)	ISO 228 (2)	min [mm]	max [mm]			(3)	(3)									
PNAF# PNAF-R#	00	ISO-M16	M	3/8"NPT	3/8"	G	3/8"	24,0	NICKEL PL.BRASS	ON									
									STAINLESS STEEL	XX									
		ISO-M20	M	1/2"NPT	1/2"	G			NICKEL PL.BRASS	ON									
									STAINLESS STEEL	XX									
PNAF# PNAF-R#	01	ISO-M20	M	1/2"NPT	1/2"	G	1/2"	32,0	NICKEL PL.BRASS	ON									
									STAINLESS STEEL	XX									
									ISO-M25	M	3/4"NPT	3/4"	G	NICKEL PL.BRASS	ON				
STAINLESS STEEL	XX																		
PNAF# PNAF-R#	02	ISO-M25	M	3/4"NPT	3/4"	G	3/4"	36,0	NICKEL PL.BRASS	ON									
									STAINLESS STEEL	XX									
									ISO-M32	M	1"NPT	1"	G	NICKEL PL.BRASS	ON				
STAINLESS STEEL	XX																		
PNAF# PNAF-R#	03	ISO-M32	M	1"NPT	1"	G	1"	45,0	NICKEL PL.BRASS	ON									
									STAINLESS STEEL	XX									
									ISO-M40	M	1 1/4"NPT	1 1/4"	G	NICKEL PL.BRASS	ON				
STAINLESS STEEL	XX																		
PNAF# PNAF-R#	04	ISO-M40	M	1 1/4"NPT	1 1/4"	G	1 1/4"	53,0	NICKEL PL.BRASS	ON									
									STAINLESS STEEL	XX									
									ISO-M50	M	1 1/2"NPT	1 1/2"	G	NICKEL PL.BRASS	ON				
														STAINLESS STEEL	XX				
PNAF# PNAF-R#	05	ISO-M50	M	1 1/2"NPT	1 1/2"	G	1 1/2"	61,0	NICKEL PL.BRASS	ON									
									STAINLESS STEEL	XX									
									ISO-M63	M	2"NPT	2"	G	NICKEL PL.BRASS	ON				
														STAINLESS STEEL	XX				
PNAF# PNAF-R#	06	ISO-M63	M	2"NPT	2"	G	2"	71,0	NICKEL PL.BRASS	ON									
									STAINLESS STEEL	XX									
									ISO-M75	M	2 1/2"NPT	2 1/2"	G	NICKEL PL.BRASS	ON				
														STAINLESS STEEL	XX				
PNAF# PNAF-R#	07	ISO-M75	M	2 1/2"NPT	2 1/2"	G	2 1/2"	84,0	NICKEL PL.BRASS	ON									
									STAINLESS STEEL	XX									
									ISO-M90	M	3"NPT	3"	G	NICKEL PL.BRASS	ON				
														STAINLESS STEEL	XX				
									PNAF# PNAF-R#	08	ISO-M90	M	3"NPT	3"	G	3"	101,0	NICKEL PL.BRASS	ON
																		STAINLESS STEEL	XX
ISO-M100	M	4"NPT	4"	G	NICKEL PL.BRASS	ON													
					STAINLESS STEEL	XX													

CABLE GLAND ORDERING

EXAMPLES

PNAF	11	20	-	M	ON	= PNAF1120MON (NON-BARRIER CABLE GLAND NICKEL PLATED BRASS ISO-M20)
PNAF	21	-	2	N	XX	= PNAF212NXX (NON-BARRIER CABLE GLAND STAINLESS STEEL)

LEGENDA

(1)	CABLE GLAND TYPE/MODEL	PNAF= NON-BARRIER CABLE GLAND / PNAF-R= BARRIER CABLE GLAND
(2)	THREADING	M = ISO METRIC pitch 1,5mm / N = NPT (ANSI/ASME B1.203) / G = ISO-228
(3)	CABLE GLAND MATERIAL	ON= NICKEL PLATED MARINE BRASS AISI-316LTS / XX= STAINLESS STEEL
(4)	FEMALE THREAD	ISO-228 FEMALE THREAD / ABSUF FOR FLEXIBLE CONDUIT COUPLING

PNAF DIMENSIONAL

1	BODY
2-3-4	INNER SEALING RING FOR NOT ARMOURD CABLE
5	PRESS RING
6	GLAND NUT "FEMALE"
7	O-RING (ONLY FOR METRICAL)
8	*CHAMBER FOR SEALING ("R" VERSION ONLY)

\* Chamber will be lled with sealing when cable gland is completely assembled.

REMARK:

Due to the development of the national and international specifications and of the technology, the above technical characteristics showed on this bulletin can be considered as binding.