



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 d / Exe / Exia 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 CCOE-PESO: P405709/1

Mechanical characteristics

Body / cap	OT-58 marine brass (ON) - AISI-316L stainless steel (IX) 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 ϕ [mm]	MATERIAL	
		METRIC (2)	NPT (2)	ISO 228 (2)	min [mm]	max [mm]			(3)	(3)
PNAF# PNAF-R#	00	(16)ISO-M16 (0)3/8"	M	3/8"NPT	3/8"	G	3/8"	24,0	NICKEL PL.BRASS	ON
									STAINLESS STEEL	IX
		(20)ISO-M20 (1)1/2"	M	1/2"NPT	1/2"	G	1/2"	32,0	NICKEL PL.BRASS	ON
									STAINLESS STEEL	IX
PNAF# PNAF-R#	01	ISO-M20	M	1/2"NPT	1/2"	G	32,0	NICKEL PL.BRASS	ON	
								STAINLESS STEEL	IX	
								ISO-M25	M	3/4"NPT
PNAF# PNAF-R#	02	ISO-M25	M	3/4"NPT	3/4"	G	36,0	NICKEL PL.BRASS	ON	
								STAINLESS STEEL	IX	
								ISO-M32	M	1"NPT
PNAF# PNAF-R#	03	ISO-M32	M	1"NPT	1"	G	45,0	NICKEL PL.BRASS	ON	
								STAINLESS STEEL	IX	
								ISO-M40	M	1 1/4"NPT
PNAF# PNAF-R#	04	ISO-M40	M	1 1/4"NPT	1 1/4"	G	53,0	NICKEL PL.BRASS	ON	
								STAINLESS STEEL	IX	
								ISO-M50	M	1 1/2"NPT
PNAF# PNAF-R#	05	ISO-M50	M	1 1/2"NPT	1 1/2"	G	61,0	NICKEL PL.BRASS	ON	
								STAINLESS STEEL	IX	
								ISO-M63	M	2"NPT
PNAF# PNAF-R#	06	ISO-M63	M	2"NPT	2"	G	71,0	NICKEL PL.BRASS	ON	
								STAINLESS STEEL	IX	
								ISO-M75	M	2 1/2"NPT
PNAF# PNAF-R#	07	ISO-M75	M	2 1/2"NPT	2 1/2"	G	84,0	NICKEL PL.BRASS	ON	
								STAINLESS STEEL	IX	
								ISO-M90	M	3"NPT
PNAF# PNAF-R#	08	ISO-M90	M	3"NPT	3"	G	101,0	NICKEL PL.BRASS	ON	
								STAINLESS STEEL	IX	
								ISO-M100	M	4"NPT
PNAF# PNAF-R#	09	ISO-M100	M	4"NPT	4"	G	126,0	NICKEL PL.BRASS	ON	
								STAINLESS STEEL	IX	

CABLE GLAND ORDERING

EXAMPLES

PNAF	11	20	-	M	ON	= PNAF1120MON (NON-BARRIER CABLE GLAND NICKEL PLATED BRASS ISO-M20 THR.)
PNAF	21	-	2	N	IX	= PNAF212NIX (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 B1.20.1) - G = ISO-228
(3)	CABLE GLAND MATERIAL	ONK = NICKEL PLATED MARINE BRASS - XK = AISI-316L STAINLESS STEEL
(4)	FEMALE THREAD	ISO-228 FEMALE THREAD SUITABLE FOR FLEXIBLE CONDUIT COUPLING

PNAF DIMENSIONAL

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

* Chamber will be filled 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 on our confirmation only.

