

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 \div +90°C (Rubber rings EPDM-60) -60°C \div +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

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



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
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)

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Cable gland selection table

CODE	SIZE		E	ENTRY THREAD SIZE				INNER SHEATH DIA.		HEXAGON	MATERIAL	
(1)	SIZE	METRIC	(2)	NPT	(2)	ISO 228	(2)	min [mm]	max [mm]	[mm]		(3)
		(16)ISO-M16 (0)3/8"		3/8"NPT		3/8"	G	4,0	7,0	24,0	NICKEL PL.BRASS	ON
D114 //								7,0	10,0		STAINLESS STEEL	IX
PNA# PNA-R#	00	(20)ISO-M20 (1)1/2"	м	1/2"NPT	Ν	1/2"		5,5	8,0		NICKEL PL.BRASS	ON
								8,0	10,5	32,0	STAINLESS STEEL	ON
		(1)1/2						10,5	13,0			IX
				1/2"NPT	N	1/2"	G	5,5	8,0	32,0	NICKEL PL.BRASS	ON
PNA# PNA-R#	01	ISO-M20	м					8,0	10,5		NICKEL PL.DRA33	
F NA-11#								10,5	13,0		STAINLESS STEEL	IX
				3/4"NPT	N	3/4"		10,5	13,0		NICKEL PL.BRASS	ON
PNA# PNA-R#	02	ISO-M25	м				G	13,0	15,5	36,0		
1114 11#								15,5	18,0		STAINLESS STEEL	IX
								15,0	18,0		NICKEL PL.BRASS	ON
PNA# PNA-R#	03	ISO-M32	м	1"NPT	Ν	1″	G	18,0	21,0	45,0	STAINLESS STEEL	
1114 11#								21,0	24,0			IX
			м	1 1/4"NPT	N	1 1/4"	G	21,0	24,0	53,0	NICKEL PL.BRASS	ON
PNA# PNA-R#	04	ISO-M40						24,0	27,0		STAINLESS STEEL	
1107 114								27,0	30,0			IX
			м		N	1 1/2"	G	24,0	27,0	61,0	NICKEL PL.BRASS STAINLESS STEEL	ON
PNA#	05	ISO-M50		1 1/2"NPT				27,0	30,0			UN
PNA-R#	05			T 1/2"NP1				30,0	33,0			IX
								33,0	36,0			IA.
								36,0	39,0		NICKEL PL.BRASS	ON
PNA# PNA-R#	06	ISO-M63	М	2"NPT	N	2"	G	39,0	42,0	71,0		
								42,0	45,0		STAINLESS STEEL	IX
5N4 #								42,0	45,0		NICKEL PL.BRASS	ON
PNA# PNA-R#	07	ISO-M75	М	2 1/2"NPT	Ν	2 1/2"	G	45,0 48,0	48,0 51,0	84,0		
								51,0	54,0		STAINLESS STEEL	IX
		ISO-M90						52,0 56,0	56,0 59,0			ON
PNA#	08		м	3"NPT	N	3"	G	59,0	62,0	101,0	NICKEL PL.BRASS STAINLESS STEEL	
PNA-R#								62,0	65,0			IX
								65,0 68,0	68,0 74,0			
PNA#		ISO-M100	м	1 4"NPT	N	4"	G	74,0	80,0	126,0	NICKEL PL.BRASS	ON
PNA-R#	09							80,0	86,0		STAINLESS STEEL	IX
								86,0	92,0			IX

CABLE GLAND ORDERING

EXAMPLES

LEGEND

 PNA#
 01
 M

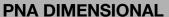
 PNA#
 03
 N

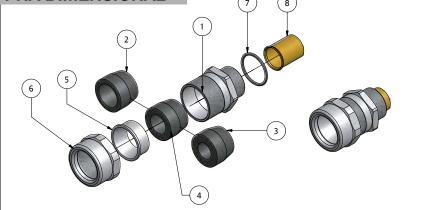
= PNA#01MON (NON-BARRIER CABLE GLAND NICKEL PLATED BRASS ISO-M20 THR.)= PNA#03NIX (NON-BARRIER CABLE GLAND STAINLESS STEEL 1/2"NPT THR.)

(1))	CABLE GLAND TYPE/MODEL	PNA# = NON-BARRIER CABLE GLAND - PNA-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	ON = NICKEL PLATED MARINE BRASS - IX = AISI-316L STAINLESS STEEL

ON

IX





1	BODY			
2-3-4	INNER SEALING RING FOR NOT ARMOURED CABLE			
5	PRESS RING			
6	GLAND NUT			
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.

PNA