

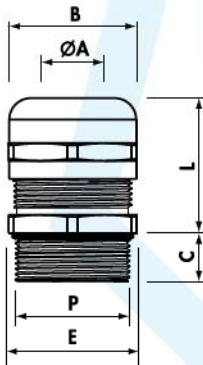
**CABLE GLANDS WITH INCREASED SAFETY TYPE MAXIBRASS ATEX
NICKEL PLATED BRASS METRIC THREAD M 1,5**



standard thread

Metric thread M 1.5 pitch CEI EN 60423 CEI EN 50262

Ref. Nickel Plated Brass	P	Fixing Hole Ø (mm)	Ø A min-max (mm)	B Spanner (mm)	E (mm)	C (mm)	L min-max (mm)	Quantity
5900.M12N	M12x1,5	12,2	3 - 6,5	16	18	6,5	16-20	100
5900.M16N	M16x1,5	16,2	6,5-10	20	23	7,0	20-25	100
5900.M20N	M20x1,5	20,5	10 -13	24	27	8,0	20-27	50
5900.M25N	M25x1,5	25,4	11 -17	29	32	8,0	24-30	50
5900.M32N	M32x1,5	32,5	14 -21	36	40	9,0	27-34	25
5900.M40N	M40x1,5	40,5	21 -27	45	50	9,0	34-42	10
5900.M50N	M50x1,5	50,5	26 -35	54	60	10,0	35-43	8
5900.M63N	M63x1,5	64,0	35 -42	67	74	15,0	40-52	5



extended thread

Metric thread M 1.5 pitch CEI EN 60423 CEI EN 50262

Ref. Nickel Plated Brass	P	Fixing Hole Ø (mm)	Ø A min-max (mm)	B Spanner (mm)	E (mm)	C (mm)	L min-max (mm)	Quantity
5901.M12N	M12x1,5	12,2	3 - 6,5	16	18	12	16-20	100
5901.M16N	M16x1,5	16,2	6,5-10	20	23	12	20-25	100
5901.M20N	M20x1,5	20,5	10 -13	24	27	12	20-27	50
5901.M25N	M25x1,5	25,4	11 -17	29	32	12	24-30	50
5901.M32N	M32x1,5	32,5	14 -21	36	40	12	27-34	25
5901.M40N	M40x1,5	40,5	21 -27	45	50	12	34-42	10
5901.M50N	M50x1,5	50,5	26 -35	54	60	12	35-43	8

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Description:

Certified by IMQ, Italian Institute for Quality Mark, according to EN 60079-0:2009, EN 60079-7:2007 and EN 60079-31:2009, related to materials intended for use in potentially explosive atmospheres in presence of dust and gas.

Technical details:

PROTECTION :	IP 65
MATERIAL :	CuZn39Pb3 Nickel Plated
NICKEL PLATING THICKNESS :	2 ÷ 4 µm
SEALING RING:	NEOPRENE®
TEMPERATURE RANGE :	-25°C ÷ +75°C (continuous)
CABLE GRIP INSERT :	POLYAMIDE PA6.6
O-RING :	Nitrile 70Sh A (factory fitted)
SAFETY LEVEL:	Ex e IIC/Ex tb IIIC
ACCORDING TO:	EN 60079-0 : 2009 ; EN 60079-7 : 2007 ; EN 60079-31 : 2009
AREAS OF UTILISATION:	I & 2, 21 & 22
TORQUE SETTINGS:	M12 and M16 6 Nm
	M20 and M25 8 Nm
	M32 12 Nm
	M40 , M50 and M63 18 Nm

Marks:



Certificate No IMQ ATEX 028X



94/9/CE (ATEX); 1999/92/CE Directives

EN 60079-0 : 2009; EN 60079-7 : 2007; EN 60079-31 : 2009; IEC 61241-1 Norms

**CABLE GLANDS WITH INCREASED SAFETY TYPE MAXIBRASS ATEX
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The main features of each ATEX device or component should be included in the marking.

Below are listed the indications which are marked on our new 5900 Series ATEX cable gland with the explanation of their meaning.

	General information; reference to the Directive						Specific information; normative references								
Symbol		0051		II	2	GD	Ex	e	IIC	Ex	tb	IIIC	IMQ	10	ATEX028X
Meaning	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)

Legenda:

- (1) CE Marking of compliance to the ATEX Directive
- (2) Identification number of the Notified Body
- (3) Specific Marking attesting explosion protection
- (4) Group II; NOT MINES
- (5) Category: 2; ELEVATED PROTECTION; areas of use 1 and 21, and also suitable for areas 2 and 22
- (6) Suitable for gases, vapors and fogs (letter G); suitable for powders (D)
- (7) Ex; indicates compliance with specific product standard IEC EN 60079-7:2008, Explosive Atmospheres, Part 7: Equipments with increased safety “e” protection mode
- (8) Indication of increase safety “e” protection mode; for EPL (Equipment Protection Level) Gb, i.e. “equipment for use in explosive atmospheres due to the presence of gas, with high level of protection , which is not source of ignition during normal operation or when subject to foreseen malfunction”
- (9) Group II: for use in areas other than mines with explosive atmospheres due to gases (with the possible presence of Grisou); letter C: explosive mixture of gas (21 +/- 5) % Hydrogen
- (10) Ex; indicates compliance with specific product standard IEC EN 60079-31:2010, Explosive Atmospheres, Part 31: Equipments with protection mode obtained by “t” enclosures, intended to be used in presence of combustible dust
- (11) Indication of “tb” protection mode; protection by enclosure; EPL (Equipment Protection Level) Db, i.e. “equipment for use in explosive atmospheres due to the presence of combustible powder, with high level of protection , which is not source of ignition during normal operation or when subject to foreseen malfunction”
- (12) Group III: for use in areas other than mines with explosive atmospheres due to the presence of combustible dust (with the possible presence of Grisou), Part C, conductive dust, protection against penetration, according to IEC 60079-0; IP 6x, i.e. totally protected against the penetration of dust
- (13) Certifying Body: IMQ
- (14) Year of certification issue: 2010
- (15) Indication of the Certification number: 028X