

NIPPLES

series
NP

Protection	Gas	Zone	1-2	II2G	Ex d IIC Gb / Ex e IIC Gb
	Dusts	Zone	21-22	II2D	Ex tb IIC Db

Degree of Protection	IP66
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Amb. Temp.	Standard	-20°C	+80°C
	Extended	-60°C	+180°C



Entries Threading	NPT ANSI B1.20 or Metric ISO 262
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Material	Nickel plated Brass
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Standards and Certificates



Directive 2014/34/EU (ATEX)

EN 60079 - 0 • EN 60079 - 1
EN 60079 - 7 • EN 60079 - 31

CE INERIS 14 ATEX 0029X

IEC 60079 - 0 • IEC 60079 - 1
IEC 60079 - 7 • IEC 60079 - 31

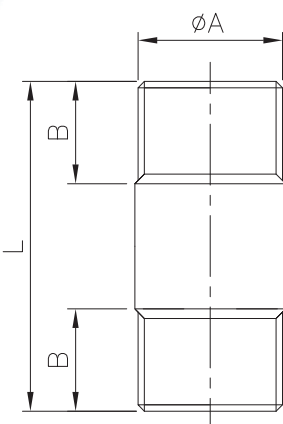
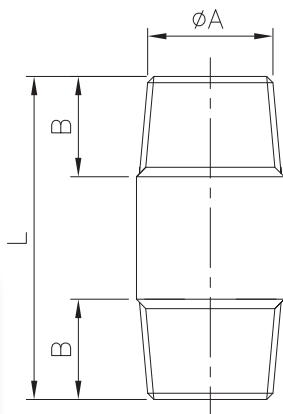
IECEx INE 14.0038X

- Nipples of series NP are used for linking enclosures or other fittings with female threading.

Options

- Materials: Stainless Steel AISI 316L ("S") on request.

- Size greater than 3".



Code	Dimensions (mm)			Weight (g)
	ØA	B	L	
NP 38	3/8" NPT	16	40	40
NP 1	1/2" NPT	18	50	60
NP 2	3/4" NPT	18	50	80
NP 3	1" NPT	23	60	120
NP 4	1.1/4" NPT	23	60	160
NP 5	1.1/2" NPT	23	60	180
NP 6	2" NPT	23	60	230
NP 7	2.1/2" NPT	28	70	320
NP 8	3" NPT	28	70	390

Code	Dimensions (mm)			Weight (g)
	ØA	B	L	
NP 16	M16x1.5	16	40	40
NP 20	M20x1.5	16	50	70
NP 25	M25x1.5	16	50	80
NP 32	M32x1.5	16	60	130
NP 40	M40x1.5	18	60	170
NP 50	M50x1.5	18	60	210
NP 63	M63x1.5	18	60	270
NP 75	M75x1.5	20	70	320
NP 90	M90x1.5	20	70	460

NOTES

- Extended operating temperature range is -40°C ÷ +100°C with EPDM O-ring.
- Extended operating temperature range is -60°C ÷ +180°C with Silicone O-ring.
- The fitting may be mounted on electrical equipment suitable for group IM2 (firedamp mines) if it is not made of Aluminum light alloy. The resulting mode of protection will be: Ex d I Mb.

Example: NP25S

Order Coding

Type
NP

Size and Threading
38/1/2/3/4/5/6/7/8 = NPT ANSI B1.20
16/20/25/32/40/50/63/75/90 = Metric ISO 262

Material
B = Nickel plated Brass
S = Stainless Steel AISI 316L

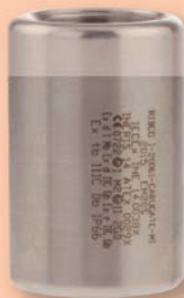
COUPLINGS

series
EM

Protection	Gas	Zone	1-2	II2G	Ex d IIC Gb / Ex e IIC Gb
	Dusts	21-22	II2D		Ex tb IIC Db

Degree of Protection	IP66
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Amb. Temp.	Standard	-20°C	+40°C
	Extended	-60°C	+180°C



Entries Threading	NPT ANSI B1.20 or Metric ISO 262
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Material	Nickel plated Brass
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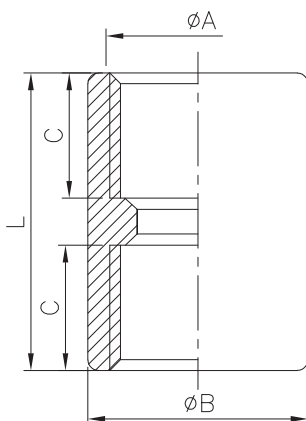
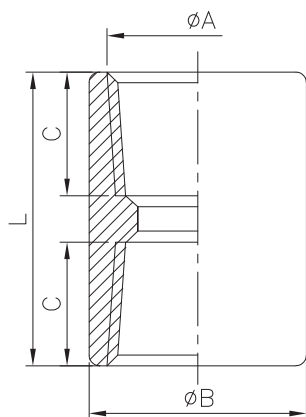
Standards and Certificates	Directive 2014/34/EU (ATEX)
	EN 60079 - 0 • EN 60079 - 1 EN 60079 - 7 • EN 60079 - 31
	CE INERIS 14 ATEX 0029X
	IEC 60079 - 0 • IEC 60079 - 1 IEC 60079 - 7 • IEC 60079 - 31 IECEx INE 14.0038X

- Couplings of Series EM are used to join tubes with terminal male threading.

Options

- Materials: Stainless Steel AISI 316L ("S") on request.

- Size greater than 3".



Code	DimensionS (mm)				Weight (g)
	ØA	ØB	C	L	
EM 38	3/8" NPT	22	17	40	50
EM 1	1/2" NPT	27	19	40	70
EM 2	3/4" NPT	31	19	40	100
EM 3	1" NPT	38	24	50	200
EM 4	1.1/4" NPT	46	24	50	230
EM 5	1.1/2" NPT	56	24	50	260
EM 6	2" NPT	66	24	50	330
EM 7	2.1/2" NPT	82	32	70	760
EM 8	3" NPT	92	32	70	940

Code	Dimensions (mm)				Weight (g)
	ØA	ØB	C	L	
EM 16	M16x1.5	22	18	40	70
EM 20	M20x1.5	27	18	40	90
EM 25	M25x1.5	31	18	40	130
EM 32	M32x1.5	38	18	50	220
EM 40	M40x1.5	46	20	50	270
EM 50	M50x1.5	56	20	50	340
EM 63	M63x1.5	70	20	50	460
EM 75	M75x1.5	82	24	70	850
EM 90	M90x1.5	98	24	70	1000

NOTES

- Extended operating temperature range is -40°C ÷ +100°C with EPDM O-ring.
- Extended operating temperature range is -60°C ÷ +180°C with Silicone O-ring.

- The fitting may be mounted on electrical equipment suitable for group IM2 (firedamp mines) if it is not made of Aluminum light alloy. The resulting mode of protection will be: Ex d I Mb.

Example: EM3G

Order Coding

Type
EM

Size and Threading

38/1/2/3/4/5/6/7/8 = NPT ANSI B1.20
16/20/25/32/40/50/63/75/90 = Metric ISO 262

Material

B = Nickel plated Brass
S = Stainless Steel AISI 316L