






## Ex d / e Nipples

Technical Details			
Material	Body	Brass, Brass Bickel Plated Stainless Steel Galvanised Steel	
	Seal	CR (Chloroprene Rubber)	
Protection Class	IP 68 - 5 Bar, 30 min IP 66		
Operating Temperature	Seal Material	Chloroprene Rubber	
	Ex d/e/tb	-40°C / +100°C	
Equipment For	• Gas & Dust potentially explosive atmospheres.		
Suitable for use in	Group II	Gas Group IIC	ZONE1/ZONE2
	Group III	Dust Group IIIC	ZONE21/ZONE 22
Equipment Marking	Ex II 2GD Ex d IIC Gb / Ex e IIC Gb / Ex tb IIIC Db		
Marking Example	BMD B-RN.. Ex CE 0722 II 2GD Ex e IIC Gb Ex tb IIIC Db Ta-40°C +100°C IP66/68 CESI 13 ATEX 066X / IECEx CES 13.0022X		
Type Protection	Ex d ; Ex e ; Ex tb		
Thread Type	<ul style="list-style-type: none"> <li>• Metric (M) EN 60423</li> <li>• Npt (N) ANSI ASME B1.20.1</li> <li>• Pg (P) DIN 40430</li> <li>• Pf (PF) GAS UNI ISO 228/1</li> </ul>		

Approvals		
	Certificate Number	Standards
	CESI 13 ATEX 066X	EN 60079-0:2012 EN 60079-1:2007 EN 60079-7:2007 EN 60079-31:2009
	IECEx CES 13.0022X	IEC 60079-0:2011 Edition:6 IEC 60079-1:2007-04 Edition:6 IEC 60079-31:2008 Edition:1 IEC 60079-7:2006-07 Edition:4
	№ TC RU C-TR.Г505.B.00840	ГОСТ IEC 60079-1:2011 ГОСТ P МЭК 60079-0:2011 ГОСТ P МЭК 60079-7:2012 ГОСТ P МЭК 60079-31:2010 ГОСТ P МЭК 60079-14:2008
	DNV 12.0150 X	ABNT NBR IEC 60079-0:2008, ABNT NBR IEC 60079-1:2009, ABNT NBR IEC 60079-7:2008, ABNT NBR IEC 60079-31:2011
	E-14044	IEC/EN60079-0, IEC/EN60079-7, IEC/EN60079-31, IEC/EN60079-1 & IEC/EN 62444

For more information see our webpage.

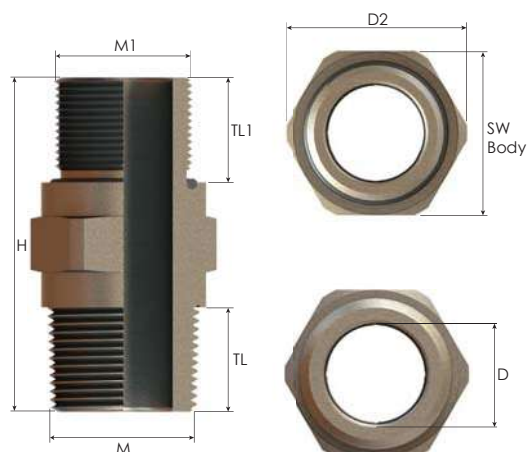


Size Selection Table										
Thread Type	Sizes & Code Nr.									
METRIC EN 60423 (M)	16	20	25	32	40	50	63	75	90	110
	01	1	2	3	4	5	6	7	8	10
NPT ANSI B1.20.1 (N)	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	01	1	2	3	4	5	6	7	8	10
PG DIN 40430 (P)	9	11	13,5	16	21	29	36	42	48	
	2	3	4	5	6	7	8	9	10	
PF GAS UNI ISO 228/1 (PF)	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	01	1	2	3	4	5	6	7	8	10

Order Encoding							
Code	Male Thread Size Code	•M: Metric •N: NPT •C: PF •P: Pg •G: Gas Male Thread	Male Thread Size Code	•M: Metric •N: NPT •C: PF •P: Pg •G: Gas Male Thread	B – Brass BN- Brass Nickel Plated X – Stainless Steel Z – Galvanised steel Material	•C: Chloroprene Sealing	Code Example
B-RN	01	M	01	M	BN	C	B-RN01M01MBNC

# PAVO

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### Thread Type **METRIC** > **METRIC** acc. to EN 60423

Size		max. Cable Ø D mm	Thread Length TL mm	Thread Length TL1 mm	Thread Ø Male M	Thread Ø Male M1 mm	Spanner Width SW Body mm	Outer min. Ø D2 mm	max. Height H mm	Part Number
Male M	Male M1									
M16x1.5	M16x1.5	10,0	15,0	15,0	16,0	16,0	20,0	22,0	48,0	B-RN01M01M
M20x1.5	M20x1.5	14,0	15,0	15,0	20,0	20,0	24,0	26,5	48,0	B-RN1M1M
M25x1.5	M25x1.5	19,0	15,0	15,0	25,0	25,0	32,0	35,5	50,0	B-RN2M2M
M32x1.5	M32x1.5	26,0	15,0	15,0	32,0	32,0	36,0	39,8	50,0	B-RN3M3M
M40x1.5	M40x1.5	34,0	18,0	18,0	40,0	40,0	45,0	50,0	56,0	B-RN4M4M
M50x1.5	M50x1.5	44,0	18,0	18,0	50,0	50,0	55,0	61,0	58,0	B-RN5M5M
M63x1.5	M63x1.5	57,0	18,0	18,0	63,0	63,0	70,0	78,0	58,0	B-RN6M6M
M75x1.5	M75x1.5	69,0	18,0	18,0	75,0	75,0	85,0	94,0	62,0	B-RN7M7M
M90x1.5	M90x1.5	84,0	21,0	21,0	90,0	90,0	100,0	111,0	68,0	B-RN8M8M
M110x1.5	M110x1.5	100,0	21,0	21,0	110,0	110,0	120,0	134,0	69,0	B-RN10M10M

### Thread Type **NPT** > **NPT** acc. to ANSI ASME B1.20.1

Size		max. Cable Ø D mm	Thread Length TL mm	Thread Length TL1 mm	Thread Ø Male M	Thread Ø Male M1 mm	Spanner Width SW Body mm	Outer min. Ø D2 mm	max. Height H mm	Part Number
Male M	Male M1									
NPT 3/8"	NPT 3/8"	12,0	16,0	16,0	17,15	17,15	20,0	22,0	50,0	B-RN01N01N
	NPT 1/2"			21,0		21,34	24,0	26,5	55,0	B-RN01N1N
NPT 1/2"	NPT 1/2"	15,5	21,0	21,0	21,34	21,34	24,0	26,5	60,0	B-RN1N1N
	NPT 3/4"					26,67	32,0	35,5	62,0	B-RN1N2N
NPT 3/4"	NPT 3/4"	19,0	21,0	21,0	26,67	26,67	32,0	35,5	62,0	B-RN2N2N
	NPT 1"			26,0		33,40	36,0	39,8	67,0	B-RN2N3N
NPT 1"	NPT 1"	25,0	26,0	26,0	33,40	33,40	36,0	39,8	72,0	B-RN3N3N
	NPT 1 1/4"			28,0		42,16	45,0	50,0	74,0	B-RN3N4N
NPT 1 1/4"	NPT 1 1/4"	33,0	28,0	28,0	42,16	42,16	45,0	50,0	76,0	B-RN4N4N
NPT 1 1/2"	NPT 1 1/2"	40,0	28,0	28,0	48,26	48,26	55,0	61,0	78,0	B-RN5N5N
NPT 2"	NPT 2"	52,0	28,0	28,0	60,33	60,33	65,0	72,0	78,0	B-RN6N6N
NPT 2 1/2"	NPT 2 1/2"	62,0	41,0	41,0	73,03	73,03	80,0	89,0	108,0	B-RN7N7N