

Media: air – water – oil - vacuum
 Pressure range: 0 to 120 Bar max
 Media temperature: -10°C to +100°C
 Ambient temperature: -10°C to +50°C
 Control pressure: 3 – 8 Bar air
 Media viscosity: 500 centistokes max
 Mounting: any position
 Opening/Closing: 50 – 1000 mSec

2/2 Brass + Stainless

1/4 – 2" COAXIAL
 N/CLOSED + N/OPEN
 2 WAY PNEUMATIC
 0 - 120 Bar
 TYPE 281



PRESSURE

Port BSP	Ø Orifice (mm)	Flow Kv M³/Hr	min	Pressure Rating (Bar)		Body Material	Part Number
				Max.			
				P⇒A	A⇒P		
1/4, 3/8, 1/2, (3/4*)	10	2.7	0	120	16	Brass	281A10MOG + port
3/8, 1/2, 3/4, (1*)	15	7.2	0	120	16	Brass	281A15MOG + port
1/2, 3/4, 1, (1 1/4*)	20	9.4	0	120	16	Brass	281A20MOG + port
3/4, 1, 1 1/4 (1 1/2*)	25	14.5	0	120	16	Brass	281A25MOG + port
1, 1 1/4, 1 1/2	32	20.0	0	100	16	Brass	281A32MOG + port
1 1/2	40	45.7	0	100	16	Brass	281A40MOG-112
2	50	47.2	0	100	16	Brass	281A50MOG-2
1/4, 3/8, 1/2, (3/4*)	10	2.7	0	120	16	AISI303	281A10V2G + port
3/8, 1/2, 3/4, (1*)	15	7.2	0	120	16	AISI303	281A15V2G + port
1/2, 3/4, 1, (1 1/4*)	20	9.4	0	120	16	AISI303	281A20V2G + port
3/4, 1, 1 1/4 (1 1/2*)	25	14.5	0	120	16	AISI303	281A25V2G + port
1, 1 1/4, 1 1/2	32	20.0	0	100	16	AISI303	281A32V2G + port
1 1/2	40	45.7	0	100	16	AISI303	281A40V2G-112
2	50	47.2	0	100	16	AISI303	281A50V2G-2
1/4, 3/8, 1/2, (3/4*)	10	2.7	0	120	16	AISI316	281A10V4G + port
3/8, 1/2, 3/4, (1*)	15	7.2	0	120	16	AISI316	281A15V4G + port
1/2, 3/4, 1, (1 1/4*)	20	9.4	0	120	16	AISI316	281A20V4G + port
3/4, 1, 1 1/4 (1 1/2*)	25	14.5	0	120	16	AISI316	281A25V4G + port
1, 1 1/4, 1 1/2	32	20.0	0	100	16	AISI316	281A32V4G + port
1 1/2	40	45.7	0	100	16	AISI316	281A40V4G-112
2	50	47.2	0	100	16	AISI316	281A50V4G-2

OPTIONS

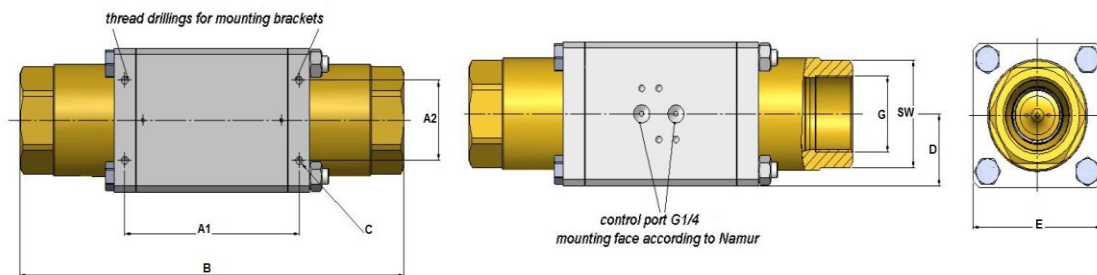
Normally Open version (280B)
 Mounting brackets (x2)
 Namur Valve CY52002S single acting spring close
 Namur Valve CY52002D double acting
 Namur ATEX Coil EExmII T4 T130°C Ex mb IIC T4 and Gb Ex mb tb IIIC T130°C Db for hazardous area 21 and 22 ⚠
 Magnetic field sensor E1 (Open or Closed)
 Magnetic field sensor E2 (Open & Closed)
 Other options: (*) port size, NPT thread - Vacuum – Flanged – Mounting Brackets – NBR EPDM PTFE sealing – oil + grease free

<= See
 <= See

CONSTRUCTION

Body: Brass MS058 (MO version): Option AISI303 (V2) 1.4305 or AISI316 (V4) 1.4571
 Tube and internal parts: Stainless steel
 Seals: Static FKM/PTFE, Seat PTFE

OVERALL DIMENSIONS



DN	G	SW	A1 (mm)	A2 (mm)	B (mm)	C	D (mm)	E (mm)	Kg
10	1/4 3/8 1/2 (3/4*)	32	84	-	159.5	M4	25	50	1.6
15	3/8 1/2 3/4 (1*)	41	100	-	184	M5	35	70	2.8
20	1/2 3/4 1 (1 1/4*)	46	108	-	215	M5	40	80	4.0
25	3/4 1 1 1/4 (1 1/2*)	55	121	-	246	M5	45	90	5.3
32	1 1 1/4 1 1/2	60	122	50	269	M6	45	90	6.9
40	1 1/2	75	131	60	304	M6	55	110	11.7
50	2	75	131	60	304	M6	55	110	11.7