

- 2/2-Way NC
- Extremely fast switching times
- Very small design with an outer diameter of 15 mm
- Long service life



TECHNICAL DATA

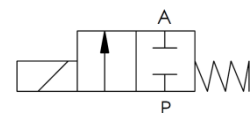
Function	2/2 NC
Pneumatic connection	Cartridge
Orifice size	0.5 mm
Weight	22 g
Mounting position	any
IP protection class (scope of delivery)	IP50
IP protection class (suitable plug)	IP65
Operating pressure	0 – 10 bar(g)
Pressure resistance	> 20 bar(g)
Flow rate with air @ max. pressure	> 18 l/min
Flow coefficient kv	max. 0.12 l/min
Temperature range, environment	5 – 50 °C
Temperature range, medium	5 – 50 °C
Temperature range, storage	-10 – 60 °C
Internal tightness	< 1 ml/min
External tightness	< 1 ml/min
Media quality	≤ 10 µm
Media	Air and inert gases, others upon request ¹



ELECTRICAL DATA

Electrical connection	Flying leads
Length electrical connection	80 mm
Nominal voltage	12 V DC
Nominal coil resistance @ 20 °C	132 Ω
Nominal power consumption	1.1 W
Thermal resistance (no flow)	approx. 45 K/W
Permitted Duty cycle (no flow)	100 %

PNEUMATIC SYMBOL

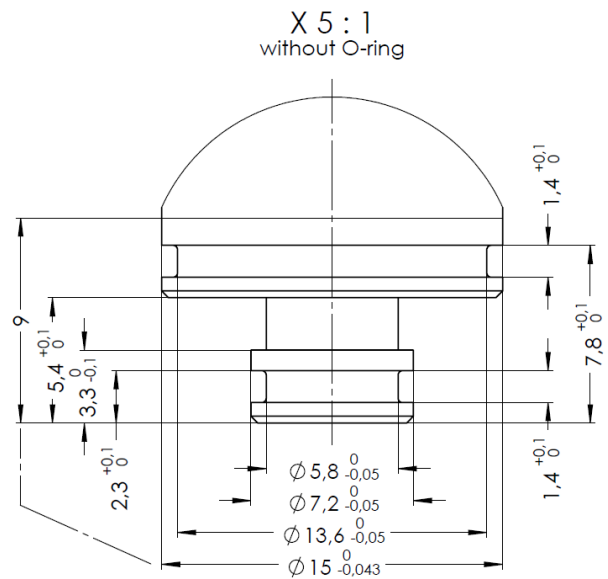


WETTED MATERIALS

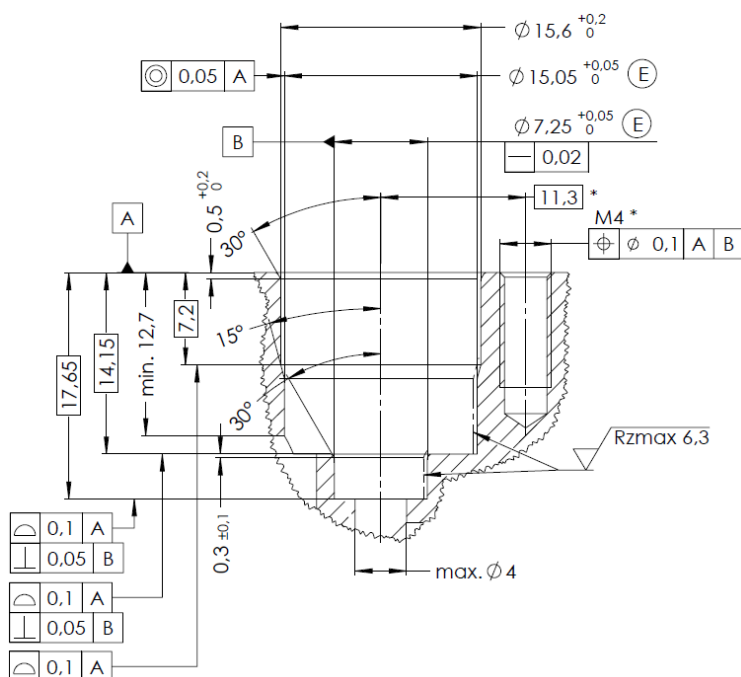
Housing	1.4305
Anchor	1.4105
Spring	1.4310
Seal o-ring	FKM
Seal anchor	FKM
Joint-connection	Loctite 603

¹ Due to the use of stainless steel, the valve is suitable for many other media (including liquids) after prior testing. Please contact us for more information.

Technical drawing of the front view of a 1000 Series connector. The drawing shows a cylindrical body with a top flange and a bottom flange. The top flange has a diameter of 15 mm. The main body has an outer diameter of 15 mm and an inner diameter of 13.935 mm with a tolerance of 0 to -0.025 mm. The bottom flange has a diameter of 15 mm. The drawing includes dimensions for the overall height (approx. 29 mm), the height of the main body (17.5 mm ± 0.05 mm), and the height of the bottom flange (min. 1.07 mm). It also shows the locations of two O-rings: O-ring 12x1 and O-ring 5x1. The drawing is labeled with '2 (A)' at the bottom and '1 (P)' on the right side.

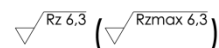


Schnittstellengeometrie P15
interface geometry P15



Allgemeintoleranz nach DIN ISO 2768-mK
Tolerierung nach DIN EN ISO 8015:2011
Maße nach DIN EN ISO 14405
Form- und Lagertoleranz nach DIN EN ISO 1101

*general tolerance acc. to DIN ISO 2768-mK
tolerancing acc. to DIN EN ISO 8015:2011
dimensions acc. to DIN EN ISO 14405
tolerances of form and position acc. to DIN EN ISO 1101*



The technical information given describes the usual properties of our products and does not constitute a warranty statement. All values were determined under laboratory conditions and must be verified by the customer for his specific purpose. Due to continuous technical progress, all rights to changes and additions are reserved.

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