

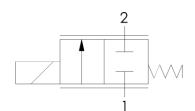
- → Reduced nominal power consumption
- → 2-way proportional miniature NC valve
- → Compact geometry with an outside diameter of 15 mm
- → Current controlled

TECHNICAL DATA

Ineumatic connection cartrid Ilectrical connection flying Idedia type air, ox Idedia quality ≤ 10 μ Ineumatic connection ≤ 10 μ Idedia type 2.2 mr Ineumatic connection 03 b Ineumatic connection up to Ω Idemperature range, ambient 5 °C to Ω Idemperature range, media 5 °C to Ω	eads, 70 – 80 mm ygen, inert gases m n ar(g) / 043,5 psig 50 l _s /min 0.056 m ³ /h
lectrical connection Aledia type Aledia quality Drifice Departing pressure Alax. flow (air @ 3 bar(g) @ 20 °C) Ilow coefficient Kv Temperature range, ambient Emperature range, media Emperature range, storage The conternal leakage @ p _{max} The properties of the content of th	eads, 70 – 80 mm ygen, inert gases m n ar(g) / 043,5 psig 50 l _s /min 0.056 m ³ /h
Media type Media quality Fifice Departing pressure Max. flow (air @ 3 bar(g) @ 20 °C) How coefficient Kv Emperature range, ambient Emperature range, media Emperature range, storage The media company conternal leakage @ p _{max} Sir, ox 10 μ 10 μ 10 μ 10 μ 10 π 10 μ 10 π 10 μ 10 π 1	ygen, inert gases m n ar(g) / 043,5 psig 50 l _s /min 0.056 m ³ /h
Media quality $\leq 10 \mu$ Orifice 2.2mr Operating pressure 03b Max. flow (air @ 3 bar(g) @ 20 °C) up to 9 Iow coefficient Kv up to 9 emperature range, ambient 9 emperature range, media 9 emperature range, storage 9 nternal leakage 9 9 max 9	m n ar(g) / 043,5 psig 50 l _s /min).056 m ³ /h
Orifice Operating pressure Olax. flow (air @ 3 bar(g) @ 20 °C) Ilow coefficient Kv Imperature range, ambient Imperature range, media Imperature range, storage The internal leakage @ p _{max} 2.2 mr Up to 5 Up to 5 Up to 5 C to 6 C to 7 C	n ar(g) / 043,5 psig 50 l _s /min).056 m ³ /h
Operating pressure Onax. flow (air @ 3 bar(g) @ 20 °C) Iow coefficient Kv Iow c	ar(g) / 043,5 psig 50 l₅/min 0.056 m³/h
Max. flow (air @ 3 bar(g) @ 20 °C) up to 5 low coefficient Kv up to 6 emperature range, ambient 5 °C to 6 emperature range, media 5 °C to 6 emperature range, storage -40 °C enternal leakage @ p _{max} < 1 ml,	50 l _s /min 0.056 m³/h
low coefficient Kv up to 0 emperature range, ambient 5 °C to emperature range, media 5 °C to emperature range, storage -40 °C enternal leakage @ p _{max} < 1 ml	0.056 m³/h
emperature range, ambient 5 °C to comperature range, media 5 °C to comperature range, storage -40 °C comperature range, storage comperature range, ambient c	•
emperature range, media 5 °C to emperature range, storage -40 °C nternal leakage @ p _{max} < 1 ml	50 °C
emperature range, storage -40 °C nternal leakage @ p _{max} < 1 ml	
nternal leakage @ p _{max} < 1 ml	50 °C
•	to 80 °C
xternal leakage @ p _{max} < 1 ml	/min
	/min
furrent range 0 to 20	00 mA
Iominal coil resistance @ 20 °C 60.5 Ω	
ecommended open-circuit voltage 24 V	
lominal power consumption @ 20 °C max. 2	.5 W
hermal resistance (without flow) approx	د. 45 K/W
Outy cycle (without flow) 100 %	@ I < 155 mA
Veight 23 g	
furrent hysteresis < 8 % o	
Nounting position Any di	of max. current
	@ I < 155 mA

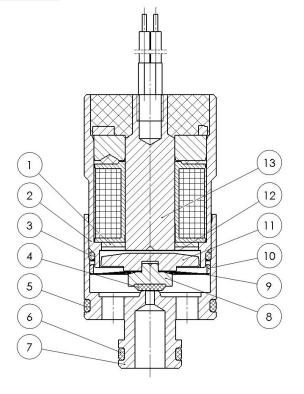


Pneumatic symbol



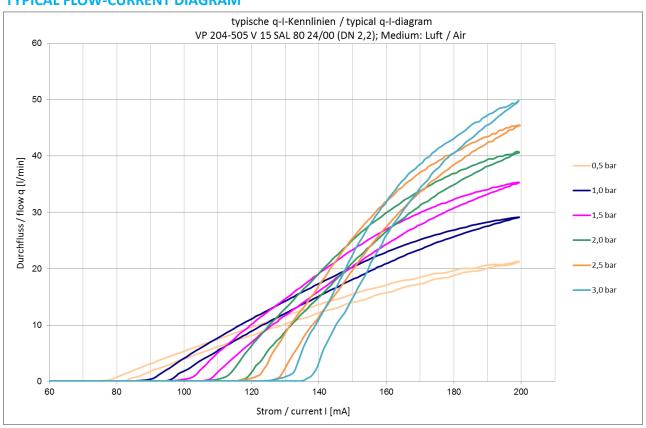


Pos.	Material
1	1.4305
2	1.4105
3	FKM
4	FKM
5	FKM
6	FKM
7	1.4305
8	1.4305
9	1.4310
10	1.4305
11	1.4105
12	PTFE
13	1.4105

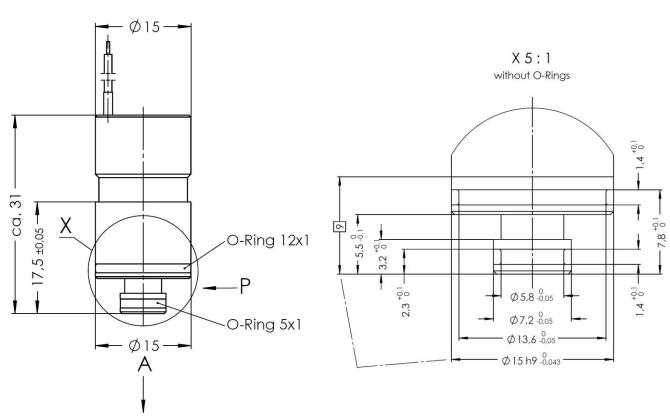




TYPICAL FLOW-CURRENT DIAGRAM

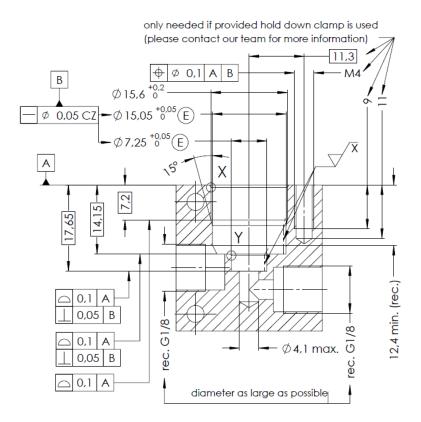


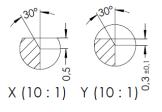
VALVE DIMENSIONS





INSTALLATION GEOMETRY SUGGESTION





The technical information given describes the normal features of our products and do not constitute a warranty declaration. All values were determined under laboratory conditions and have to be verified by the customer for its specific purpose. Through continuous technical progress, all rights to changes and modification are reserved.

Status: January 2019