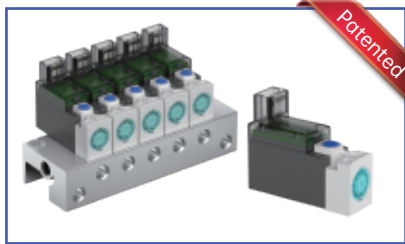
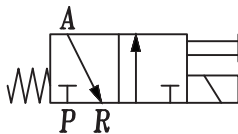


10mm Micro solenoid valve SY10 Series

Product characteristics and selection



- Small size and easy to install
- More energy efficient and environmentally friendly
- High traffic volume, wide range of applications
- Fast response and versatile
- Multiple specifications, full range of models
- Longer life, more sustainable range of applications



SY10 - 1 5 L Z D -

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Series

SY10	10mm Micro solenoid valve
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③ Power

blank	standard
A	High flow

⑥ Circuit board

Z	(non-polar type) with indicator light and overvoltage protection loop
E	(Energy saving non-polarity type) with indicator light and overvoltage protection circuit

② Action type

1	3/2NC. 	P: IN A: OUT R: EX
2	3/2NO. 	P: EX A: OUT R: IN
3	2/2NC. 	P: IN A: OUT R: --

④ Standard voltage

5	DC24V
6	DC12V

⑦ manual lever

blank	no
D	have

⑤ Conductor extraction mode

L	L-socket type (line length 300mm)
M	M-socket type (line length 300mm)
G	G-socket type (line length 300mm)

⑧ Number

code	number
blank	no
01	1
02	2
...	...

Parameter specification

SY10 Valve specification

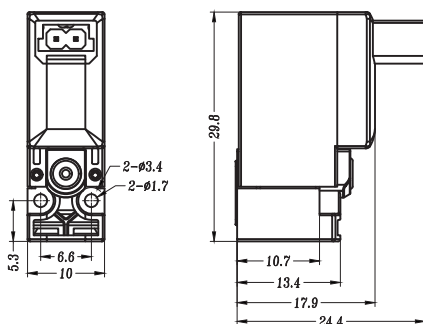
Action type	3/2 NC
	3/2 NO
	2/2 NC
Working fluid	Air, inert gas
Oil feeding	no
fluid temperature	-10°C ~ +75°C
Working pressure	0 ~ 7bar
Valve port diameter	P: 0.7mm R: 0.9mm
P→A	cv: 0.008 b: 0.11
A→R	cv: 0.015 b: 0.35
Service life [NOTE]	>50 million times

[NOTE] Lab test life: 200 million times

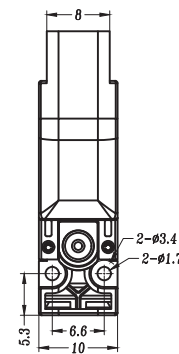
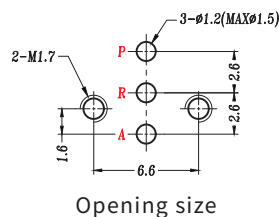
SY10 Solenoid specification

Conductor extraction mode	Vertical socket type (L)
	Horizontal socket type (M)
	Direct outlet type (G)
Standard voltage	DC24V / DC12V
Allowable voltage fluctuation	±10%
power	1 W (Energy-saving 0.13W)
Insulation class	H
Class of protection	dust-proof
Pilot lamp	LED
Operating frequency	>50Hz
Response time	4 ~ 6ms

Product size (mm)



L dimensional drawing



M dimensional drawing