

# Microsol N Series

## Direct Operating Solenoid Valves

M5  
3/2 NC



### Features

- ◆ Single sub-base and manifold mounting
- ◆ Suitable for air and neutral gases
- ◆ Various voltage options
- ◆ For special products consult factory

### Materials

Body: Ryton®-PPs  
Plunger: Stainless steel 430F  
Spring: Stainless steel AISI 18/8  
Seals: NBR

### Technical Specifications

Media: Air, neutral gases  
Function: 3/2 NC - normally closed  
Operation: Direct acting  
Temperature range: -10°C to +30°C (fluid)  
-10°C to +50°C (ambient)  
Life expectancy:  $\geq 10 \times 10^7$

### Description

A micro sized sub-based mounted valve, specially designed for industrial applications requiring a minimum of space with high performance and flow in conjunction with very low electrical consumption.

Long life and reliability at high cycle rates are a key feature of this valve, which can be single sub-base or manifold mounted.

### Electrical Data

Voltage options: DC 12, 24V  
AC 24, 110, 240V  
Voltage tolerance: -10% to +15%  
Power: DC 1.2W (0.5W option),  
AC 1.2VA  
Frequency: AC 50/60Hz  
Cycles per minute: 2000 max.  
Duty cycle: 100%  
Insulation class: F (155°C)  
Protection: IP 65  
Connection socket: PG7  
LED indicator: Standard  
Surge suppression: Optional

Part Number	Volts	Pressure Bar	Response time ms	Ø mm	NI/s (dm <sup>3</sup> /s @ Δp 5.5 bar)	Cv	Kv m <sup>3</sup> /h
01311P01HO	AC/DC	0 - 8	1.5 - 15	0.8	0.40	0.019	0.28

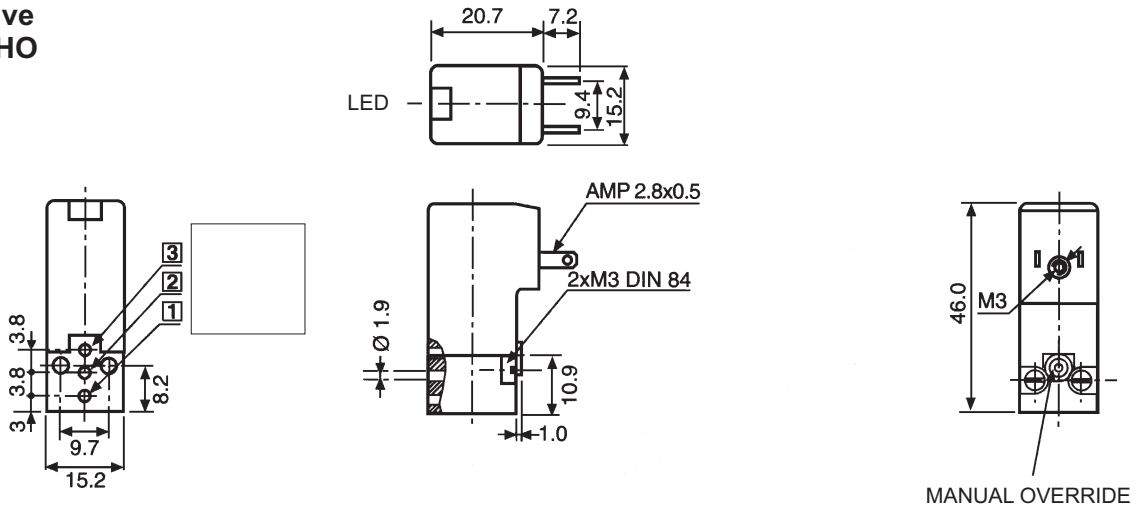
**Ordering Information:**  
By part number + Voltage + Connection Socket



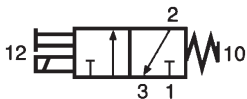
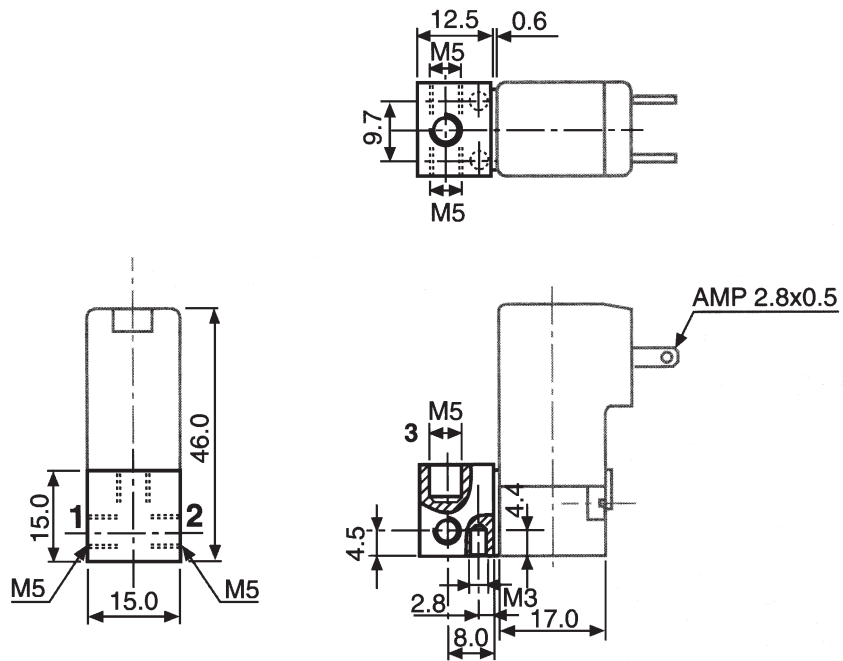
## Dimensions

units mm

### 3/2 M5 Valve 01311P01HO



### S5001 Single Sub-base

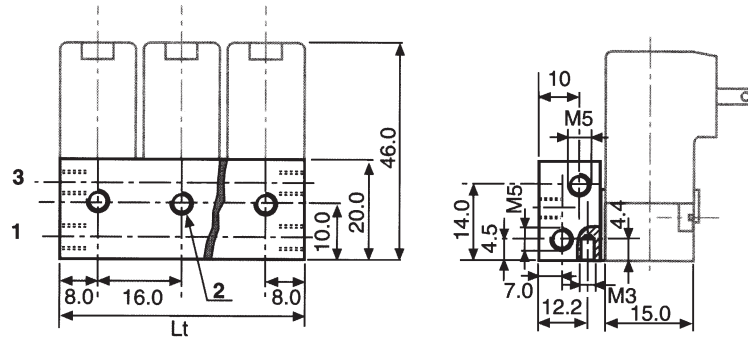
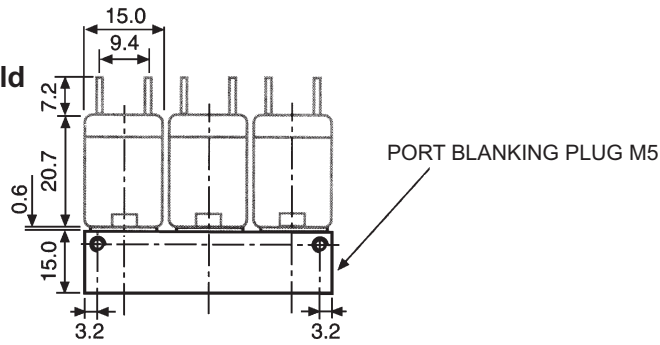


Base Part Number	Number of Valve Positions	Ports 1, 2 and 3
S5001	1	M5

## Dimensions

units mm

### M5 B500 # Multi-position Manifold

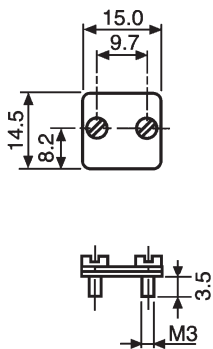


Manifold Part Number	No. of valve positions	Ports 1, 2 and 3	Lt
B5002	2	M5	32
B5003	3	M5	48
B5004	4	M5	64
B5005	5	M5	80
B5006	6	M5	96

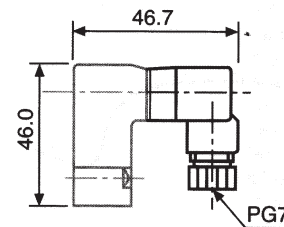
Order valves separately

## Optional extras

**B 5000  
Blanking Plate**  
For un-populated valve station



**KV 19207 N**  
Electrical connection socket



### Additional components

3020	M5 Port blanking plug M5 thread
1610	M5 Sealing washer



