


## How to Order Pilot Valves

### 0.35 W Type

#### Pilot Solenoid Valve Specifications

Pilot solenoid valve		V116-□□□-1	
Electrical entry		Conduit terminal, DIN terminal, M12 connector	
Coil rated voltage [V]	DC	12 V, 24 V	
	AC (50/60 Hz)	100 V, 110 V, 200 V, 220 V	
Allowable voltage fluctuation		±10% of rated voltage*	
Power consumption [W]	DC	0.35 W (With indicator light: 0.58 W)	
Apparent power [VA]	AC	100 V	0.78 (With indicator light: 0.87)
		110 V	0.86 (With indicator light: 0.97)
		[115 V]	[0.94 (With indicator light: 1.07)]
		200 V	1.15 (With indicator light: 1.30)
		[230 V]	[1.27 (With indicator light: 1.46)]
Surge voltage suppressor		Varistor	
Indicator light		LED (Neon bulb: AC voltage with DIN terminal, M12 connector)	
Enclosure		IEC60529 standard IP65, JIS C0920	

\* In common between 110 VAC and 115 VAC, and between 220 VAC and 230 VAC.  
\* For 115 VAC and 230 VAC, the allowable voltage fluctuation is -15% to +5% of rated voltage.

V116-**5**T**Z**-1  


#### ① Rated voltage

1	100 VAC 50/60 Hz
2	200 VAC 50/60 Hz
3	110 VAC [115 VAC] 50/60 Hz
4	220 VAC [230 VAC] 50/60 Hz
5	24 VDC
6	12 VDC

#### ② Electrical entry

T	Conduit terminal
D	DIN terminal (with connector)
DO	DIN terminal (without connector)
W	M12 connector (4-pin type)
V	M12 connector (5-pin type) <sup>Note)</sup>

Note) Only DC voltage is available.

#### ③ Light/surge voltage suppressor

Nil	None
S	With surge voltage suppressor
Z	With light/surge voltage suppressor

Note) Refer to the table (1) on page 580 for combinations with electrical entry.

\* DOS, DOZ are not available.


\* For AC voltage, only DO is available for Nil.

### 1.8 W Type


#### Pilot Solenoid Valve Specifications

Pilot solenoid valve		VO307(Y)-□□□1-Q	
Electrical entry		DIN terminal, M12 connector	
Coil rated voltage [V]	DC	12 V, 24 V	
	AC (50/60 Hz)	100 V, 110 V, 200 V, 220 V	
Allowable voltage fluctuation		-15% to 10% of rated voltage	
Power consumption [W]	DC	1.8 W (With indicator light: 2 W)	
Apparent power [VA]	AC	Inrush	12.7 VA (50 Hz), 10.7 VA (60 Hz)
		Holding	7.6 VA (50 Hz), 5.4 VA (60 Hz)
Light/surge voltage suppressor	DC	Diode, LED	
Enclosure		Varistor, LED	
		Dustproof	

Electrical entry: DIN terminal

VO307**Y**-**5**<sup>D</sup>**Z**1-Q  


Electrical entry: M12 connector

VO307**Y**-**5****D****Z**1-**W**-X352-Q  


#### ① Voltage

Nil	AC
Y	DC

#### ② Rated voltage

1	100 VAC 50/60 Hz
2	200 VAC 50/60 Hz
3	110 VAC 50/60 Hz
4	220 VAC 50/60 Hz
5	24 VDC
6	12 VDC

#### ③ Light/surge voltage suppressor

Nil	None
Z	With light/surge voltage suppressor

Note) Refer to the table (1) on page 580 for combinations with electrical entry.

#### ④ Electrical entry

W	M12 connector (4-pin type)
V	M12 connector (5-pin type) <sup>Note)</sup>

Note) Only DC voltage is available.