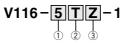
How to Order Pilot Valves

0.35 W Type

Pilot Solenoid Valve Specifications

| Pilot solenoid valve | | | V116-□□□-1 |
|-------------------------------|---------------|------------------|--|
| Electrical entry | | | Conduit terminal, DIN terminal, M12 connector |
| Coil rated | DC | | 12 V, 24 V |
| voltage [V] | AC (50/60 Hz) | | 100 V, 110 V, 200 V, 220 V |
| Allowable voltage fluctuation | | uation | ±10% of rated voltage* |
| Power consumption [W] | DC | | 0.35 W (With indicator light: 0.58 W) |
| | AC | 100 V | 0.78 (With indicator light: 0.87) |
| Apparent | | 110 V [115 V] | 0.86 (With indicator light: 0.97) [0.94 (With indicator light: 1.07)] |
| power [VA] | | 200 V | 1.15 (With indicator light: 1.30) |
| | | 220 V [230 V] | 1.27 (With indicator light: 1.46) [1.39 (With indicator light: 1.60)] |
| Surge voltage suppressor | | sor | 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.



1) Rated voltage

| <u></u> | | | | | |
|---------|----------------------------|--|--|--|--|
| 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

| Т | Conduit terminal |
|----|----------------------------------|
| D | DIN terminal (with connector) |
| DO | DIN terminal (without connector) |
| W | M12 connector (4-pin type) |
| V | M12 connector (5-pin type) Note) |

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.

1.8 W Type

Pilot Solenoid Valve Specifications

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

Electrical entry: DIN terminal



Electrical entry: M12 connector



| 1) Voltage | | |
|------------|----|--|
| Nil | AC | |
| Υ | DC | |

2 Rated voltage

| <u> </u> | atou ronago |
|----------|------------------|
| 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

| Eightaurge voltage auppreason | | | |
|-------------------------------|-------------------------------------|--|--|
| 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) |
|---|----------------------------------|
| ٧ | M12 connector (5-pin type) Note) |

Note) Only DC voltage is available.

^{*} For 115 VAC and 230 VAC, the allowable voltage fluctuation is -15% to +5% of rated voltage.

^{*} DOS, DOZ are not available. * For AC voltage, only DO is available for Nil.