Relays & Solenoids Farnell

PD Latching - 66, 67, 68 Series

66 Series 67 Series 68 Series H = 16.0, W = 14.0, Leads = 200 H = 19.0, W = 14.0, Leads = 200 H = 26.0, W = 21.5, Leads = 120



Latching (or remanence) solenoids are constructed using permanent magnets allowing the solenoid to be retained in the set position without consuming power. They can be operated by pulses of typically 40ms minimum duration and released by a similar pulse of opposite polarity. Ma ot holdi Coil

| Series 66 67 68 | Pulse force, intermittent 200gf @ 1.0mm, 80gf @ 400gf @ 1.2mm, 100gf @ 700gf @ 2.5mm, 250gf @ | 2.0mm © 4.0mm © 6.0mm | consumption 3W 5W 10W | | force @ 480gf 1000gt 2200gt | typ. typ. typ. typ. | REL088 |
|--------------------------|--|-----------------------------|--------------------------------|-------|--------------------------------------|------------------------------|--------|
| | | | | Price | Each | | |
| Voltage | Mftrs. List No. | Order Cod | e 1+ | 10+ | 20+ | 50+ | |
| 66 Series | 3 | | | | | | |
| 12V dc | 66-120-610-620 | 530-256 | | | | | |
| 67 Series | 3 | | | | | | |
| 12V dc | 67-120-610-620 | 530-270 | | | | | |
| 68 Series | 3 | | | | | | |
| 12V/dc | 68-120-610-630 | 491-603 | | | | | |

Miniature Solenoid Valves



Connector supplied

H = 22, W = 58, D = 30 (excl blades), D = 61 (overall with connector) Mounting holes = 2 M4 tapped,. Fixing centres = 134

A range of direct action, 3-way solenoid operated valves singularly mounted with $\%^{*}$ BSP ports. By inserting a 146-372 plug (M5 thread) with a 146-373 nylon washer in the venting port, the valve is converted to a 2-way valve.

The body is manufactured in brass with stainless steel inner parts and nitrile rubber seals making it ideally suited for controlling the flow of air and other non-corrosive gasses with a maximum differential pressure of 150psi (10 bar). Electrical connection is by a three pin DIN 40050 connector which is available separately.

The connector is complete with sealing ring and fixing screw giving protection to IP65. Connection pins are 6.35mm blade types allowing the connection by "Fast-On' connectors as an alternative.

| Coil consumption | ac: | 6.5VA – 8.5VA | Temperature range | –10° to +50°C |
|---------------------|------------|------------------------|-------------------|-----------------------|
| | dc: | 5W | Fluid temperature | 50°C max |
| Coil operating rate | ac: dc: | 85 – 110% 95 – 110% | Orifice size | 1.5mm (exhaust 1.8mm) |

Mftrs. List No. A331-1-C2-A73 = 285-079, A331-1-C2-A7D = 285-080, A331-1-C2-A7M = 285-092. rel214

| | | Price Each | | |
|---------------------|------------|------------|-----|-----|
| Voltage | Order Code | 1+ | 10+ | 25+ |
| Order Multiple=1 | | | | |
| Valves (including c | onnector) | | | |
| 24V dc | 285-079 | | | |
| 110V ac | 285-080 | | | |
| 240V ac | 285-092 | | | |
| Order Multiple=3 | | 3+ | 12+ | 24+ |
| Plug | 146-372 | | | |
| Order Multiple=1 | | 1+ | 10+ | 25+ |
| Spare Connector | | | | |
| Without lamp | 146-374 | | | |