NACHI

Energy Saving Solenoid Valves

SE/SED SERIES

NEW

G01-40 DESIGN

Low power type DIN connector wiring format added to SED series

Features

- Best in 5W class with maximum working pressure, maximum flow, and allowable back pressure
- CE marking compliant
- Standard terminal boxes/DIN connectors and wired connector (M12-4 pin connector) models available and can be selected with auxiliary model numbers
- Surgeless circuit is standard equipment
- Models with wired connectors can be directly connected to reduced-wiring systems, such as DeviceNet

5W class optimal specifications

- Maximum working pressure: 16 MPa
- Maximum flow rate: 40 L/min
- Allowable back pressure: 16 MPa

Surgeless function is originally equipped

Power consumption: 4.8 W

Configuration for low pressure drop

Easy wiring

- Wired terminal box/DIN connector and wired connector (M12-4 pin connectors) are available
- Selectable with auxiliary symbol

Certified for international safety standards

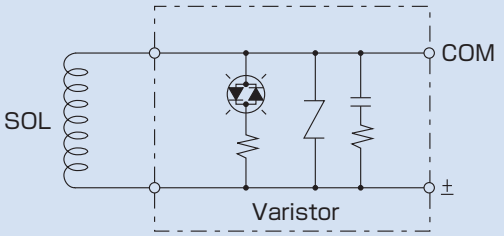
Nachi brand solenoid valves can be used safely throughout the world.

CE

Surgeless circuit (standard equipment)

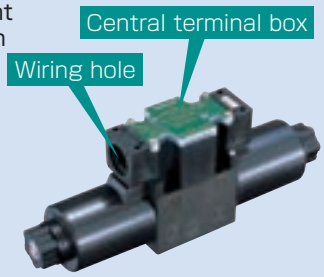
Wired terminal box: Auxiliary Symbol for relay driving circuit (GR)

Electrical circuit diagram for central terminal box



Advantages of wired terminal

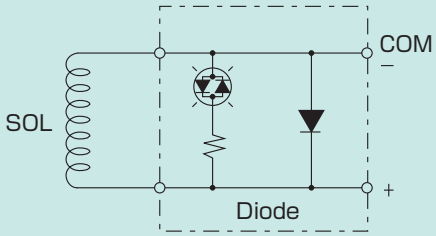
- Suitable for the circuit required high response time due to the internal varistor for quick recovery.
- Longer life of contact point with reducing the spark on operating.



Wired to terminal block inside terminal box

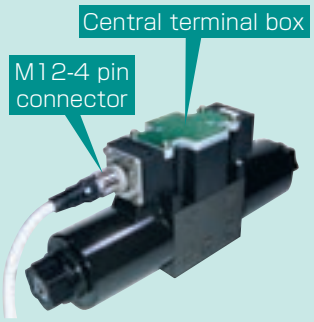
Wired connector: Auxiliary symbol for sequence drive circuit (GRV)

Electrical circuit diagram for central terminal box



Advantages of wired connector

- Internal diode to prevent reverse surge is built-in. Not necessary to add the protection element for sequencer output (transistor).
- One-touch wiring is possible
- Can be directly connected to reduced-wiring systems, such as DeviceNet



Wired to M12-4 pin connector

Specifications

Item	SE/SED Series G01-40 Design
Maximum working pressure (P, A, and B ports)	16MPa
Maximum flow rate (Note 1)	40ℓ/min
Allowable back pressure (T port)	16MPa
Standby power (24 VDC)	4.8W
Dust resistance/water resistance rank	JIS C 0920 IP64(SE-G01)、IP65(SED-G01)
International safety standards	In conformity with CE marking

Note 1: Maximum flow varies depending on the operation number, circuit, and operating conditions.

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