

FINE CONTROLS (UK) LTD



Fine Controls have been supplying process controls & instrumentation equipment since 1994, & now serves an ever expanding customer base, both in the UK & globally.

We offer a full range of valve & instrumentation products & services, with our product range representing leading technologies & brands:

Flow: Flow Meters & Transmitters, Flow Switches, Flow Control Valves & Batch Control Systems

Temperature: Temperature Probes & Thermowells, Temperature transmitters, Temperature Regulators & Temperature Displays

Level: Level Transmitters & Switches

Pressure: Pressure Gauges & Transmitters, Precision & High Pressure Regulators & I-P Converters, Volume boosters.

Precision Pneumatics: Pressure Regulators, I-P Converters, Volume Boosters, Vacuum Regulators

Valves: Solenoid & Pneumatic Valves, Control Valves & Positioners, Actuated Ball, Globe or Diaphragm Valves & Isolation Valves

Services: Repair, Calibration, Panel Build, System Design & Commissioning

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Cable Plug acc. to DIN EN 175301-803, Form C



- Installation width 16 mm
- Protection class IP 65
- Numerous variants
- Also available with moulded-on cable connection
- Contact form 8 mm

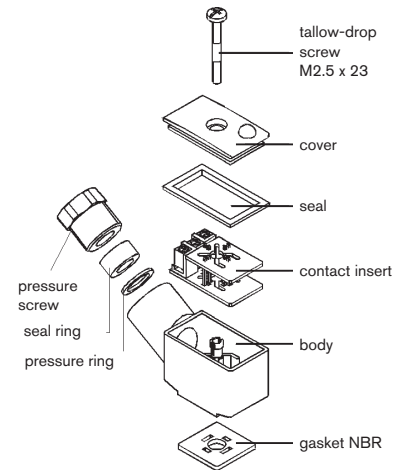
Plug for the connection of electrical components according to DIN EN 175301-803 Form C (previously DIN 43650).

Technical data	
Body material	Polyamide
Contact material	Brass, electro-silver-plated
Max. continuous temperature without cable with cable	+90 °C +80 °C
Cable diameter	5 - 6 mm
Cable outlet without cable with cable	Oriented 30° to the plug face Straight
Functional display	LED, colour yellow
Nominal voltage	0 to 250 V
Maximum current rating	With diode, 1 A Without circuitry, 3 A
Contact resistance	5 mΩ
Electrical connection	Terminal screws max. 0.75 mm ²
Protection class	IP 65
Number of terminals	2 pins + protective earth

Ordering chart

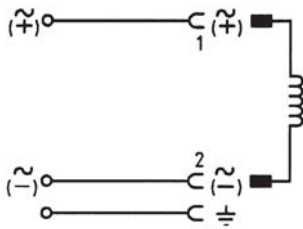
The delivery of a cable plug includes the flat seal and fixing screw

Voltage	Current rating	Item no. without cable	Item no. with 2 m cable
Without circuitry			
0 to 250 V/AC/DC	max. 3 A	008 353	423 862
With LED			
12 to 24 V/AC/DC	max. 3 A	008 402	423 863
100 to 120 V/AC/DC	max. 3 A	008 403	-
200 to 240 V/AC/DC	max. 3 A	008 404	-
With rectifier, varistor and LED			
12 to 24 V/AC/DC	max. 1 A	008 354	-
100 to 120 V/AC/DC	max. 1 A	008 355	-
200 to 240 V/AC/DC	max. 1 A	008 356	-
With LED and varistor			
12 to 24 V/AC/DC	max. 3 A	008 408	-
100 to 120 V/AC/DC	max. 3 A	008 409	-
200 to 240 V/AC/DC	max. 3 A	008 410	-
With pole protection, free-wheeling diode and LED			
12 to 24 V/DC	max. 1 A	008 411	-
With rectifier and varistor			
12 to 240 V/DC	max. 1 A	008 412	-

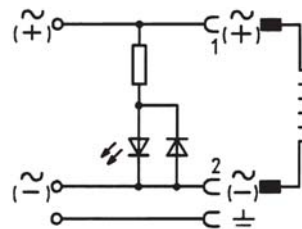


Circuit

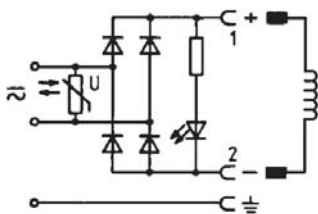
Without circuitry



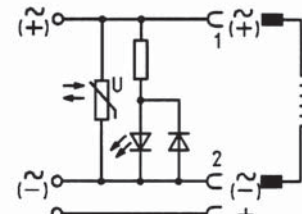
With LED



With rectifier, varistor and LED

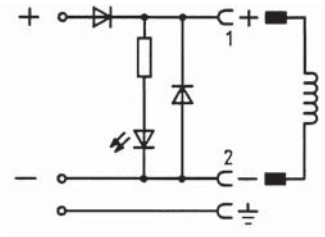


With LED and varistor

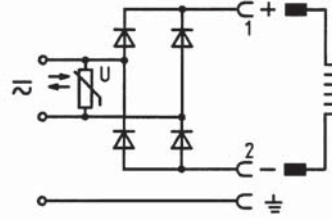


Circuit, continued

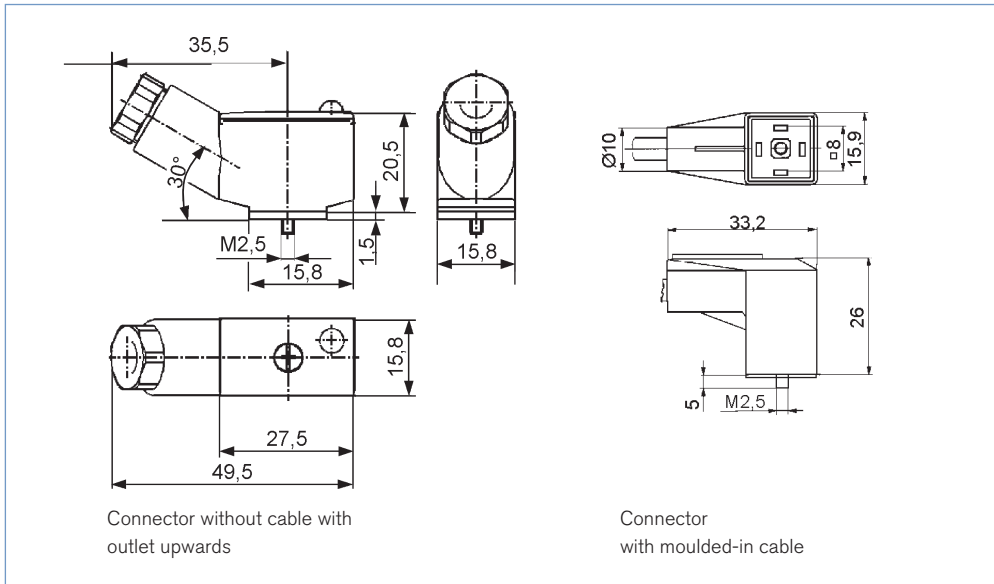
With pole protection, free wheeling diode and LED



With rectifier and varistor



Dimensions [mm]



Connector without cable with outlet upwards

Connector with moulded-in cable

To find your nearest Bürkert facility, click on the orange box → www.burkert.com

In case of special application conditions, please consult for advice.

Subject to alteration.
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