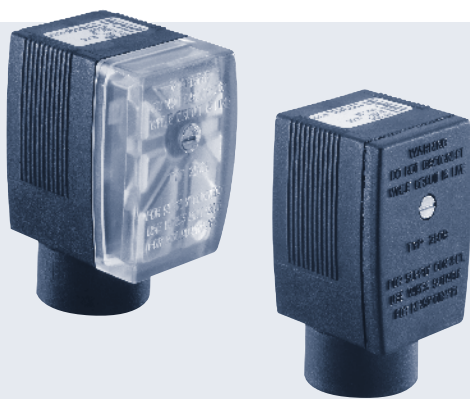





Class H Cable Plug for Solenoid Valves 1/2" Conduit Connection



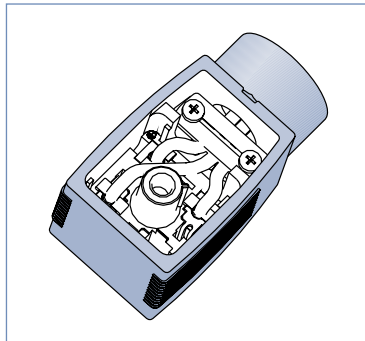
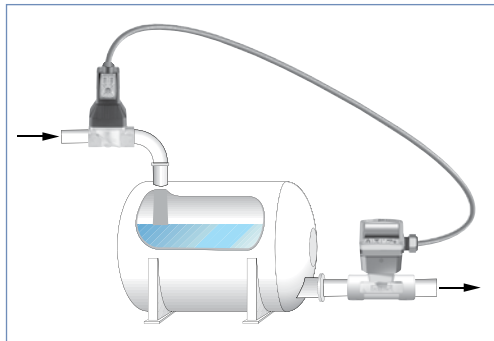
- For Solenoid valves with FM approval for hazardous locations, Division 2
- Optional versions with LED, rectifier, recovery diode, pole protection and varistor
- Flexibility – may be rotated and installed in 90° increments
- Corrosion resistant – high quality thermoplastic
- Approvals:   

The cable plug Type 2509 is used to connect devices and components, especially solenoid valves with plug pin assignment A according to ISO 4400.

- Type 2509 has UR approval as a component.
- The combination of the Burkert solenoid valves and the cable plug 2509 has UL approval.
- The combination of FM approved Burkert solenoid valves and the cable plug 2509 is suitable for Hazardous Locations, Division 2.

Application: ON/OFF Control

- keeps the flow rate constant in water treatment with ON/OFF control

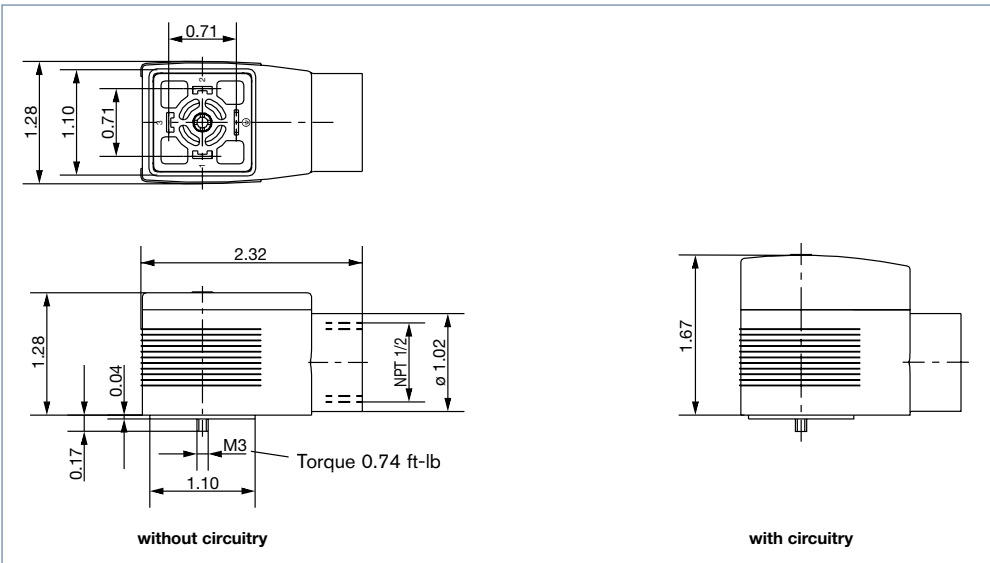


Process Specification	
Body material	PA (polyamide)
Contact material	copper alloy, silver plated
Connection thread	1/2" NPT
Cable outlet	vertically to the plug bottom – can be rotated by 4 x 90° after removal
Cable diameter (incl. isolation)	≤ 0.118"
Isolation between cable plug and coil	gasket (NBR) 0.059"
Range of cross-section	0.029 – 0.078 inches ²
Ambient temperature range	14°F up to 131°F
Poles	2 pole + protective ground
Nominal voltage	0 to 250 V
Functional display	with LED, yellow
Protection class	NEMA 4 (IP 65)
Flammability class to UL 94	5 V

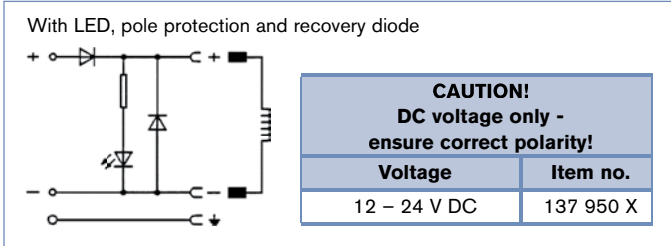
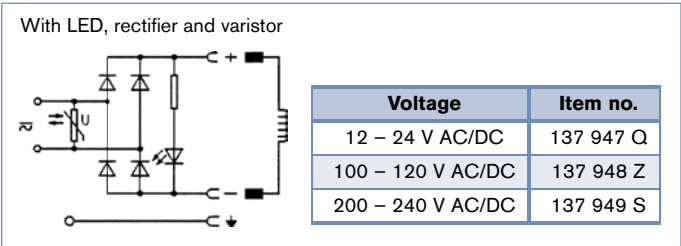
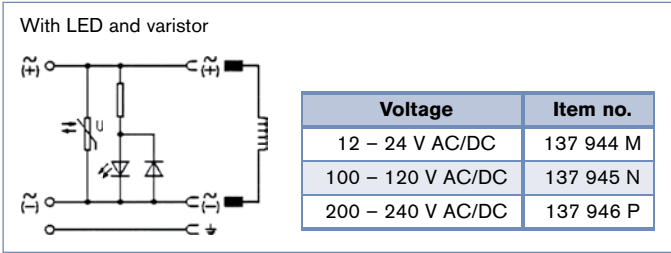
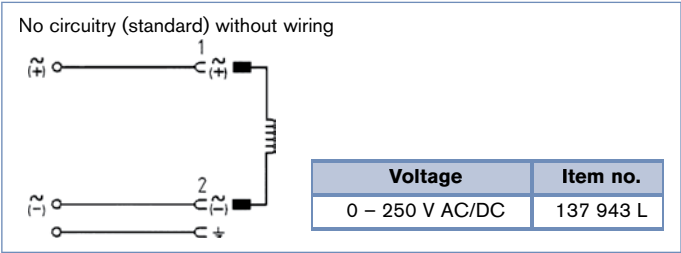
Specifications – ordering chart (other versions on request) for Type 2509

Circuitry	Voltage	Max. current	Item no.
No circuitry (standard)	0 – 250 V AC/DC	6 A	137 943 L
With LED and varistor	12 – 24 V AC/DC	3 A	137 944 M
With LED and varistor	100 – 120 V AC/DC	3 A	137 945 N
With LED and varistor	200 – 240 V AC/DC	3 A	137 946 P
With LED, rectifier and varistor	12 – 24 V AC/DC	1 A	137 947 Q
With LED, rectifier and varistor	100 – 120 V AC/DC	1 A	137 948 Z
With LED, rectifier and varistor	200 – 240 V AC/DC	1 A	137 949 S
With LED, pole protection and recovery diode	12 – 24 V DC	1 A	137 950 X

Dimensions [mm]



Wiring diagrams – connection specifications



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

We reserve the right to make technical changes without notice.

0602/2_US-en