



Male connector DIN EN 175301-803 - form A

- Degree of protection IP 65
- UL/UR approvals



Product variants described in the data sheet may differ from the product presentation and description.

Type description

Cable plug type 2509 for connection of electrical components according to DIN EN 175301-803.

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1. General Technical Data

Product properties	
Dimensions	Detailed information can be found in chapter “3. Dimensions” on page 4.
Material	
Body	PA (polyamide)
Contact	Copper alloy, silver-plated
Cable outlet	Vertically to the plug bottom, insert can be rotated by 4 × 90°
Cross section area	≤ 3 mm ²
Isolation between cable plug and coil	NBR flat seal
Electrical data	
Rated voltage	0...250 V AC/DC
Max. continuous current	6 A
Poles	2 pin + protective earth
Flammability class (body & cover)	UL94 V-0
Flammability class (insert)	UL94 HB
Approvals and certificates	
Approvals	
UR	Detailed information can be found in chapter “2. Approvals” on page 3.
Process/Port connection & communication	
Connection thread	½" NPT
Electrical connection	Acc. DIN EN 175301-803 Form A
Connection type	Screw-type terminal
Connectable cables	Max. 6,5 mm
Environment and installation	
Ambient temperature	- 10 °C...+ 55 °C (+ 14 °F...+ 131 °F)
Degree of protection	IP65 (NEMA 4)

2. Approvals

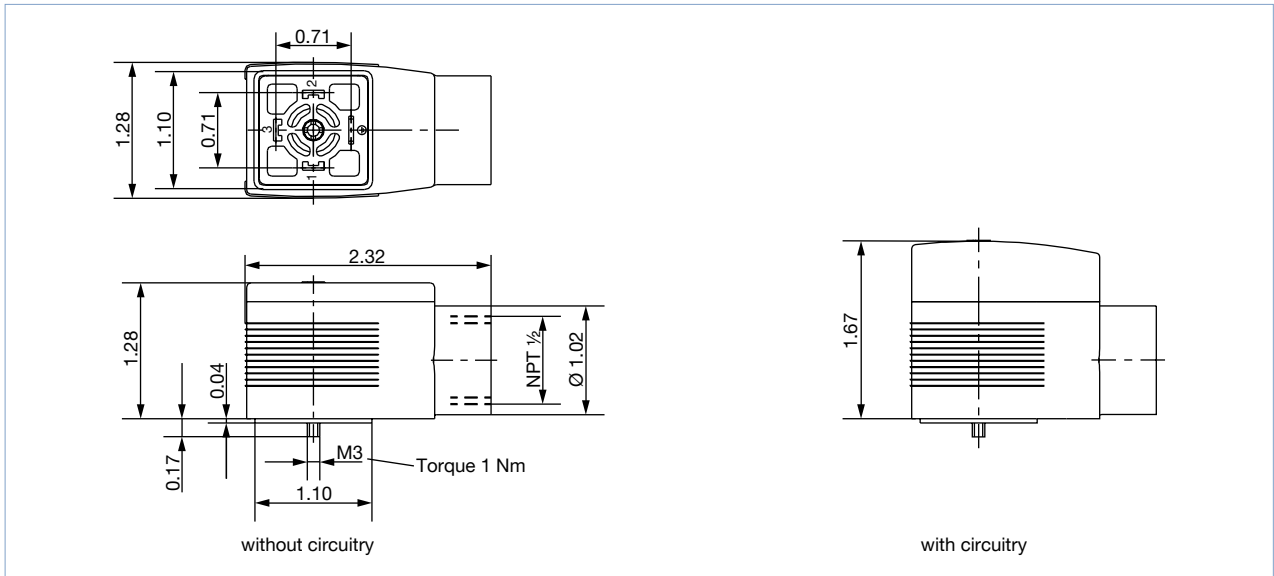
Approvals	Description
	UR The Type 2509 has a UR approval as component.

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3. Dimensions


Note:

Dimensions in mm



4. Ordering information

4.1. Bürkert eShop – Easy ordering and quick delivery




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4.2. Bürkert product filter

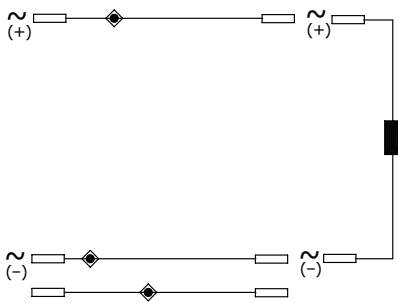


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4.3. Ordering chart

Circuit diagram	Voltage	Continuous current	Article no.
Without circuitry (Standard) 	0...250 V AC/DC	Max. 6 A	137943

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