

# Plug socket with cable KMPYE-5

Part number: 151909

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Conforms to standard                                  | EN 61076-2-101  |
| Cable designation                                     | With accessories  |
| Product weight  | 305 g   |
| Electrical connection 1, function                     | Field device end  |
| Electrical connection 1, design                       | Round   |
| Electrical connection 1, connection type              | Socket  |
| Electrical connection 1, cable outlet                 | Straight  |
| Electrical connection 1, connection technology        | M12x1 A-coded as per EN 61076-2-101                       |
| Electrical connection 1, number of pins/wires         | 4   |
| Electrical connection 1, occupied pins/wires          | 4   |
| Electrical connection 1, type of mounting             | Screw-type lock with hexagon AF 18 and longitudinal knurl |
| Electrical connection for input 1, connection pattern | 00995385  |
| Electrical connection 2, function                     | Control side  |
| Electrical connection 2, connection type              | Cable   |
| Electrical connection 2, connection technology        | Open end  |
| Electrical connection 2, number of pins/wires         | 4   |
| Electrical connection 2, occupied pins/wires          | 4   |
| DC operating voltage range                            | 0 V ... 30 V  |
| Nominal operating voltage DC                          | 24 V  |
| Current rating  | 4 A   |
| Surge resistance                                      | 2.5 kV  |
| Shield  | yes   |
| Cable length  | 5 m   |
| Connector cable test conditions                       | Test conditions on request                                |
| Bending radius, flexible cable installation           | ≥90 mm  |
| Cable diameter  | 6.2 mm  |
| Cable diameter tolerance                              | ± 0.3 mm  |
| Cable design  | 4 x 0.25 mm <sup>2</sup>                                  |
| Nominal conductor cross section                       | 0.25 mm <sup>2</sup>                                      |
| Wire ends   | Cut off bluntly   |
| Degree of protection                                  | IP65  |
| Note on degree of protection                          | In mounted state  |
| Ambient temperature                                   | -40 °C ... 80 °C  |
| Ambient temperature with flexible cable installation  | -25 °C ... 80 °C  |
| CE marking (see declaration of conformity)            | As per EU RoHS directive                                  |
| UKCA marking (see declaration of conformity)          | To UK RoHS instructions                                   |

| <b>Feature</b>              | <b>Value</b>   |
|-----------------------------|----------------|
| LABS (PWIS) conformity      | VDMA24364-B2-L |
| Note on materials           | RoHS-compliant |
| Contamination level         | 3              |
| Material of cable sheath    | PVC            |
| Color cable sheath          | Gray           |
| Housing material            | PA             |
| Housing colour              | Black          |
| Material of screw-type lock | PA             |
| Material of pin contacts    | Brass          |