

# 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 side                                         |
| Electrical connection 1, design                      | Round                                                     |
| Electrical connection 1, connection type             | Socket                                                    |
| Electrical connection 1, cable outlet                | Straight                                                  |
| Electrical connection 1, connector system            | M12x1, A-coded to EN 61076-2-101                          |
| Electrical connection 1, number of connections/cores | 4                                                         |
| Electrical connection 1, used connections/cores      | 4                                                         |
| Electrical connection 1, type of mounting            | Screw-type lock with 18 mm hexagon and longitudinal knurl |
| Electrical connection 1, connection pattern          | 00995385                                                  |
| Electrical connection 2, function                    | Controller side                                           |
| Electrical connection 2, connection type             | Cable                                                     |
| Electrical connection 2, connector system            | Open end                                                  |
| Electrical connection 2, number of connections/cores | 4                                                         |
| Electrical connection 2, used connections/cores      | 4                                                         |
| Operational voltage range DC                         | 0 V ... 30 V                                              |
| Nominal operating voltage DC                         | 24 V                                                      |
| Permissible current load                             | 4 A                                                       |
| Immunity to surge                                    | 2.5 kV                                                    |
| Shielding                                            | yes                                                       |
| Cable length                                         | 5 m                                                       |
| Test conditions cable                                | Test conditions on request                                |
| Bending radius, moving cable                         | ≥90 mm                                                    |
| Cable diameter                                       | 6.2 mm                                                    |
| Cable diameter tolerance                             | ± 0.3 mm                                                  |
| Cable structure                                      | 4 x 0.25 mm <sup>2</sup>                                  |
| Nominal cross section conductor                      | 0.25 mm <sup>2</sup>                                      |
| Wire ends                                            | Cut off bluntly                                           |
| Degree of protection                                 | IP65                                                      |
| Note on degree of protection                         | In assembled state                                        |
| Ambient temperature                                  | -40 °C ... 80 °C                                          |
| Ambient temperature with moving cable                | -25 °C ... 80 °C                                          |
| CE mark (see declaration of conformity)              | In accordance with EU RoHS Directive                      |
| UKCA marking (see declaration of conformity)         | To UK RoHS instructions                                   |

| Feature                     | Value          |
|-----------------------------|----------------|
| LABS (PWIS) conformity      | VDMA24364-B2-L |
| Note on materials           | RoHS-compliant |
| Pollution degree            | 3              |
| Material cable sheath       | PVC            |
| Cable sheath colour         | Grey           |
| Material housing            | PA             |
| Housing colour              | Black          |
| Material screw-type lock    | PA             |
| Material electrical contact | Brass          |