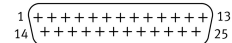


# Connecting cable VMPA-KMS1-8-10

Part number: 533197

**FESTO**



## Data sheet

| Feature  | Value                      |
|--|----------------------------|
| Based on standard                                    | DIN 41652                  |
| Cable designation                                    | With accessories           |
| Frequency of connection                              | 50                         |
| Product weight                                       | 956 g                      |
| Electrical connection 1, function                    | Field device side          |
| Electrical connection 1, design                      | Angular                    |
| Electrical connection 1, connection type             | Socket                     |
| Electrical connection 1, cable outlet                | Angled                     |
| Electrical connection 1, connector system            | Sub-D                      |
| Electrical connection 1, number of connections/cores | 25                         |
| Electrical connection 1, used connections/cores      | 9                          |
| Electrical connection 1, type of mounting            | 3x M3 screws               |
| 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 | 10                         |
| Electrical connection 2, used connections/cores      | 9                          |
| Operational voltage range DC                         | 0 V...30 V                 |
| Nominal operating voltage DC                         | 24 V                       |
| Permissible current load                             | 3 A                        |
| Immunity to surge                                    | 1 kV                       |
| Cable length   | 10 m                       |
| Cable characteristic                                 | Standard                   |
| Test conditions cable                                | Test conditions on request |
| Bending radius, fixed cable                          | 28.6 mm                    |
| Bending radius, moving cable                         | 71.5 mm                    |
| Cable fitting  | M20x1.5                    |
| Cable diameter                                       | 7.15 mm                    |
| Cable diameter tolerance                             | ± 0.3 mm                   |
| Cable structure                                      | 10 x 0.34 mm <sup>2</sup>  |
| Nominal cross section conductor                      | 0.34 mm <sup>2</sup>       |

| Feature                                      | Value                                |
|--|--------------------------------------|
| Wire ends                                    | Cut off bluntly                      |
| Degree of protection                         | IP65<br>To IEC 60529                 |
| Note on degree of protection                 | In assembled state                   |
| Ambient temperature                          | -25 °C...80 °C                       |
| Ambient temperature with moving cable        | -5 °C...70 °C                        |
| CE mark (see declaration of conformity)      | In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions              |
| LABS (PWIS) conformity                       | VDMA24364-B2-L                       |
| Note on materials                            | RoHS-compliant                       |
| Pollution degree                             | 3                                    |
| Corrosion resistance class CRC               | 2 - Moderate corrosion stress        |
| Material cable sheath                        | PVC                                  |
| Cable sheath colour                          | Grey                                 |
| Material housing                             | PA                                   |
| Housing colour                               | grey                                 |
| Material union nut                           | PA                                   |
| Material seals                               | CR<br>NBR                            |
| Material electrical contact                  | Gold-plated copper alloy             |