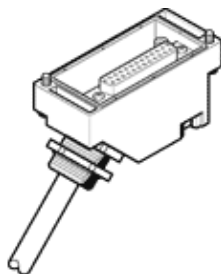


# connecting cable KMP3-25P-16-10

Part number: 18625

FESTO

For valve terminal CPV.



## Data sheet

| Feature  | Value                      |
|--|----------------------------|
| Based on the standard                                | DIN 41652                  |
| Cable identification                                 | with accessories           |
| Connection frequency                                 | 50                         |
| Product weight                                       | 1,303 g                    |
| Electrical connection 1, function                    | Field device side          |
| Electrical connection 1, design                      | Angular                    |
| Electrical connection 1, connection type             | Plug socket                |
| Electrical connection 1, cable outlet                | Angled                     |
| Electrical connection 1, connection technology       | Sub-D                      |
| Electrical connection 1, number of pins/wires        | 25                         |
| Electrical connection 1, occupied pins/wires         | 18                         |
| Electrical connection 1, type of mounting            | 2x M3 screws               |
| Electrical connection 2, function                    | Controller side            |
| Electrical connection 2, connection type             | Cable                      |
| Electrical connection 2, connection technology       | Open end                   |
| Electrical connection 2, number of pins/wires        | 18                         |
| Electrical connection 2, occupied pins/wires         | 18                         |
| Operating voltage range DC                           | 0 ... 30 V                 |
| Nominal operating voltage DC                         | 24 V                       |
| Acceptable current load at 40°C                      | 3 A                        |
| Surge strength                                       | 1 kV                       |
| Cable length   | 10 m                       |
| Cable attribute                                      | Standard                   |
| Test conditions of cable                             | Test conditions on request |
| Bending radius, fixed cable installation             | ≥ 45 mm                    |
| Bending radius, flexible cable installation          | ≥ 90 mm                    |
| Cable diameter                                       | 8.5 mm                     |
| Cable diameter tolerance                             | ± 0,5 mm                   |
| Cable structure                                      | 18x0,34                    |
| Nominal conductor cross-section                      | 0.34 mm <sup>2</sup>       |
| Wire ends  | Cut off bluntly            |
| Protection class                                     | IP65                       |
| Note on degree of protection                         | in assembled condition     |
| Ambient temperature                                  | -25 ... 70 °C              |
| Ambient temperature with flexible cable installation | -5 ... 70 °C               |
| Storage temperature                                  | -25 ... 75 °C              |
| Materials note                                       | Conforms to RoHS           |
| Degree of contamination                              | 3                          |
| Material cable sheath                                | PVC                        |
| Cable sheath colour                                  | Grey                       |
| Material housing                                     | PA                         |
| Material seals                                       | NBR                        |
| Material electrical contact                          | Gold-plated copper alloy   |