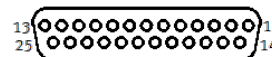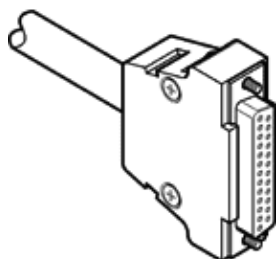# connecting cable
## KMP6-25P-20-10
Part number: 530048
Classic - do not use for new projects

For valve terminal CPV-SC, with 25-pin Sub-D plug for 20 coils, 10 m long.
Modern alternatives can be found by entering the first four characters
of the type code in the search field.

**FESTO**

# Data sheet

| Feature | Value |
|---|---|
| Conforms to standard | DIN 41652 |
| Cable identification | Without inscription label holder |
| Connection frequency | 50 |
| Product weight | 1,600 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 | Straight |
| Electrical connection 1, connection technology | Sub-D |
| Electrical connection 1, number of pins/wires | 25 |
| Electrical connection 1, occupied pins/wires | 25 |
| Electrical connection 1, type of mounting | 2 screws 4-40 UNC |
| 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 | 25 |
| Electrical connection 2, occupied pins/wires | 25 |
| Operating voltage range DC | 0 ... 30 V |
| Nominal operating voltage DC | 24 V |
| Acceptable current load at 40°C | 2.8 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 | >= 103 mm |
| Bending radius, flexible cable installation | >= 103 mm |
| Cable diameter | 10.3 mm |
| Cable diameter tolerance | ± 0,25 mm |
| Cable structure | 20x0,25+5x0,34 |
| Nominal conductor cross-section | 0.25 mm2 |
| | 0.34 mm2 |
| Wire ends | Cut off bluntly |
| Protection class | IP40 |
| 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 |
| CE mark (see declaration of conformity) | in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| PWIS conformity | VDMA24364-B2-L |
| Materials note | Conforms to RoHS |
| Degree of contamination | 2 |

| Feature | Value |
|---|---|
| Material cable sheath | PVC |
| Cable sheath colour | Grey |
| Material housing | PBT-reinforced |
| Housing colour | Grey |
| Material screw-type lock | Nickel-plated brass |
| Material electrical contact | Gold-plated copper alloy |