

# Connecting cable

## KMP6-15P-12-5

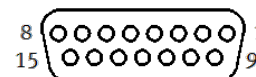
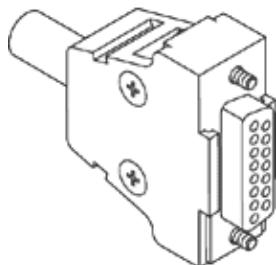
Part number: 527544

Classic - do not use for new projects

FESTO

For valve manifold CPV-SC, with 15-pin Sub-D plug, 5 m long.

Modern alternatives can be found by entering the first four characters of the type code in the search field.



## Data sheet

| Feature  | Value                                |
|--|--------------------------------------|
| Conforms to standard                                 | DIN 41652                            |
| Cable identification                                 | Without inscription label holder     |
| Connection frequency                                 | 50                                   |
| Product weight                                       | 585 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        | 15                                   |
| Electrical connection 1, occupied pins/wires         | 15                                   |
| 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        | 15                                   |
| Electrical connection 2, occupied pins/wires         | 15                                   |
| 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   | 5 m                                  |
| Cable attribute                                      | Standard                             |
| Test conditions of cable                             | Test conditions on request           |
| Bending radius, fixed cable installation             | ≥ 86 mm                              |
| Bending radius, flexible cable installation          | ≥ 129 mm                             |
| Cable diameter                                       | 8.6 mm                               |
| Cable diameter tolerance                             | ± 0,25 mm                            |
| Cable structure                                      | 15x0,34                              |
| Nominal conductor cross-section                      | 0.34 mm <sup>2</sup>                 |
| 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                                  | -20 ... 75 °C                        |
| CE symbol (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                                    |
| Material cable sheath                                | PVC                                  |

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