# Multipole plug, series CON-MP

**R412020638**

## AVENTICS Series CON-MP Multipole plugs with cable

The AVENTICS Series CON-MP-with cable offers cables with a multipol plug like D-SUB with various numbers of pins and different length, optimized for our focused valve system Series like AV Also C/2 connectors for Valve systems of Series CL03 are available.

- Multipole plug connectors with connected cable
- Valve system control, D-Sub plug



## Technical data

| | |
|---|---|
| Industry | Industrial |
| Note | D-Sub plug, 25 pin<br>D-Sub socket, 25 pin<br>Angled/straight |
| Type | Multipole |
| Cable | with cable |
| Operational voltage | 24 V DC |
| Electrical connection 1, type | Plug |
| Electrical connection 1, thread size | D-Sub |
| Electrical connection 1, number of poles | 25-pin |
| Cable exit 1 | angled |
| Cable exit angle | 90° |
| Electrical connection 2, type | Socket |
| Electrical connection 2, thread size | D-Sub |
| Electrical connection 2, number of poles | 25-pin |
| Cable exit 2 | straight |
| Cable exit angle | 180° |
| Number of wires | 25 |
| Shielding | unshielded |
| Cable length L | 5 m |

# Multipole plug, series CON-MP

R412020638

| | |
|---|---|
| Certificates | UL (Underwriters Laboratories) |
| Protection class | IP65<br>IP67 |
| Min. ambient temperature | -20 °C |
| Max. ambient temperature | 80 °C |
| Max. current | 3 A |
| Wire cross-section | 0.22 mm² |
| Cable-Ø | 8.5 mm |
| Weight | 0.754 kg |

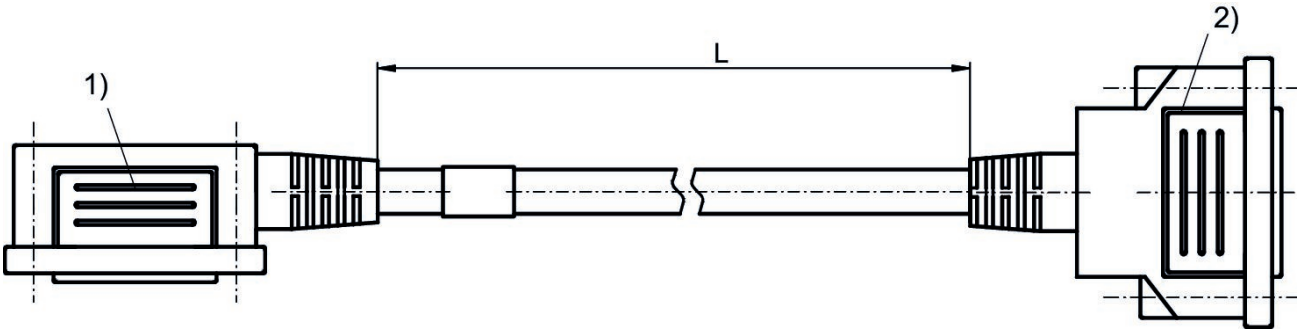
## Material

| | |
|---|---|
| Housing material | Thermoplastic elastomer |
| Material cable sheath | Polyvinyl chloride |
| Part No. | R412020638 |

## Technical information

Min. ambient temperature, fixed installation: -20 °C
Min. ambient temperature, flexible installation: -5 °C
Min. bending radius, fixed installation: 25.5 mm
Min. bending radius, flexible installation: 42.5 mm
The specified protection class is only valid in assembled and tested state.
The increased wire cross-section of pin 25 is 0.82 mm².

## Dimensions




1) Port 1 (Plug)
2) Port 2 (Socket)

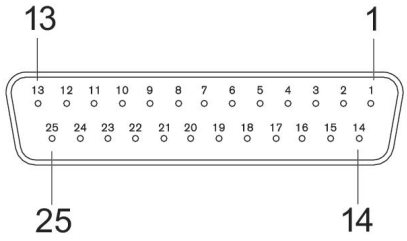
## PIN assignment and cable colors

cable identification as per DIN 47100

# Multipole plug, series CON-MP

R412020638






Socket

## D-Sub socket, 25 pin

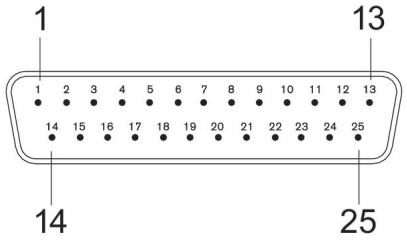
| Pin | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Color | white | brown | green | yellow | gray | pink | blue | red | black | violet |

| Pin | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|
| Color | gray/pink | red/blue | white/green | brown/ green | white/yellow | yel- low/brown | white/gray | gray/brown | white/pink | pink/brown |

| Pin | 21 | 22 | 23 | 24 | 25 |
|---|---|---|---|---|---|
| Color | white/blue | brown/blue | white/red | brown/red | white/black |

## PIN assignment and cable colors

cable identification as per DIN 47100




Plug

## D-Sub plug, 25-pin

| Pin | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Color | white | brown | green | yellow | gray | pink | blue | red | black | violet |

| Pin | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|
| Color | gray/pink | red/blue | white/ green | brown/ green | white/ yellow | yel- low/brown | white/gray | gray/ brown | white/pink | pink/brown |

| Pin | 21 | 22 | 23 | 24 | 25 |
|---|---|---|---|---|---|
| Color | white/blue | brown/ blue | white/red | brown/red | white/ black |