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.

Technical data

Industry	Industrial
Type	Multipole
Cable	with cable
Operational voltage	24 V DC
Max. operating voltage AC	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	1 m
Certificates	UL (Underwriters Laboratories)

Multipole plug, series CON-MP

R412020636

Protection class	IP67
Min. ambient temperature	-20 °C
Max. ambient temperature	80 °C
Max. current	3 A
Wire cross-section	0.2 mm²
Cable-Ø	8.5 mm
Weight	0.275 kg

Material

Housing material	Thermoplastic elastomer
Material cable sheath	Polyvinyl chloride
Part No.	R412020636

Technical information

The specified protection class is only valid in assembled and tested state.

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

The oil content of compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in https://www.emerson.com/en-us/support).

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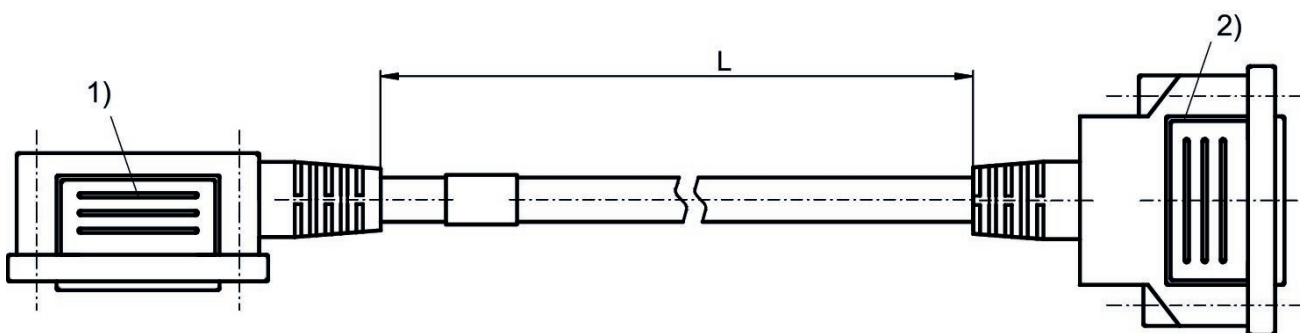
1) Port 1 (Plug)
2) Port 2 (Socket)

Multipole plug, series CON-MP

R412020636

PIN assignment and cable colors
cable identification as per DIN 47100

Socket

D-Sub socket, 25 pin

Pin	Color
1	white
2	brown
3	green
4	yellow
5	gray
6	pink
7	blue
8	red
9	black
10	violet
11	gray/pink
12	red/blue
13	white/green
14	brown/green
15	white/yellow
16	yellow/brown
17	white/gray
18	gray/brown
19	white/pink
20	pink/brown
21	white/blue
22	brown/blue
23	white/red
24	brown/red
25	white/black

PIN assignment and cable colors
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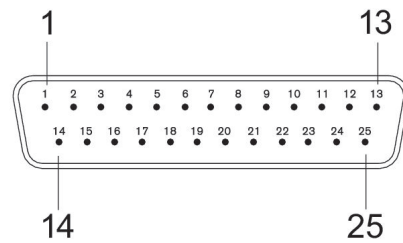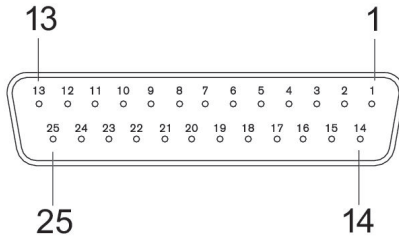
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