Multipole plug, series CON-MP

R419500471

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 socket, 44 pin straight Compact design
Type	Multipole plug
Cable	with cable
Operational voltage	24 V DC
Electrical connection 1, type	Socket
Electrical connection 1, thread size	D-Sub
Electrical connection 1, number of poles	44-pin
Cable exit 1	straight
Cable exit angle	180°
Electrical connection 2, type	open cable ends
Electrical connection 2, number of poles	44-pin
Number of wires	44
Shielding	unshielded
Cable length L	10 m
suitable for dynamic laying	suitable for dynamic laying
Min. bending radius	99.75 mm
Protection class	IP65

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	IP67
Min. ambient temperature	-20 °C
Max. ambient temperature	80 °C
Max. current	3 A
Wire cross-section	0.25 mm²
Cable-Ø	13.3 mm
Weight	2.32 kg

Material

Housing material	Thermoplastic elastomer
Material cable sheath	Polyurethane
Part No.	R419500471

Technical information

Min. bending radius, fixed installation: 66.5 mm

Min. bending radius, flexible installation: 99.75 mm

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

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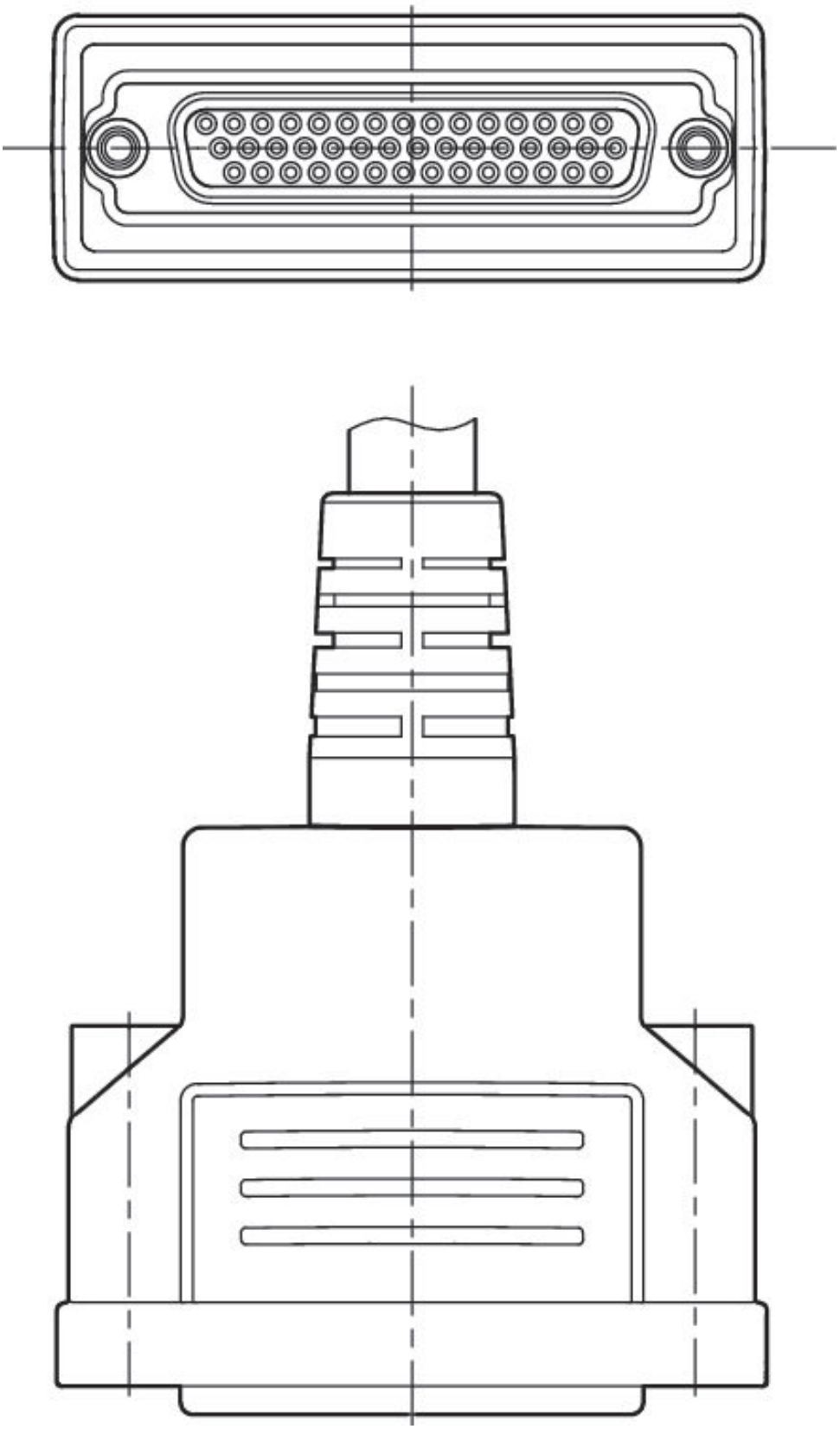
Dimensions



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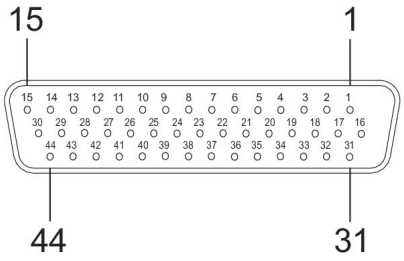
PIN assignment and cable colors

cable identification as per DIN 47100



Socket

D-Sub socket, 44 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	26	27	28	29	30
Color	white/blue	brown/ blue	white/red	brown/red	white/ black	brown/ black	gray/green	yel- low/gray	pink/green	yel- low/pink

Pin	31	32	33	34	35	36	37	38	39	40
Color	green/blue	yel- low/blue	green/red	yellow/red	green/ black	yel- low/black	gray/blue	pink/blue	gray/red	pink/red

Pin	41	42	43	44
Color	gray/black	pink/black	blue/black	red/black