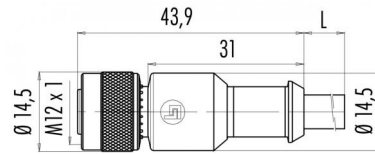


Product Area	Female cable connector moulded M12 connectors B-Coding	serie 766	Pole	5
			Article number	79 4450 50 05

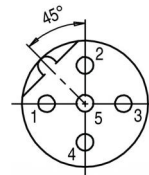
illustration



scale drawing



Contact Arrangement



- 1 braun/brown
- 2 weiß/white
- 3 blau/blue
- 4 schwarz/black
- 5 gelb/grün/yellow/gre

Technical data

Common values

Connector Design	Female cable connector
Connector locking system	Screw
Termination	crimp, overmoulded on cable
Wire gauge (mm)	0,50 mm ²
Wire gauge (AWG)	20
Upper temperature	+85 °C
Lower temperature	-25 °C

Material

Material of contact	CuSn (bronze)
Contact plating	Au (gold)
Material of contact body	PUR
Material of housing	PUR

Electrical values

Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	4 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP 68
Mechanical operation	>100 mating cycles

Cable data

material housing	PUR
insulation single lead	PVC
single lead structure	63 x 0,1 mm
cable sheath Ø	5.7
conductor resistance	39 Ω/Km
temperature range cable movable c from	-5
temperature range cable movable c to	70
temperature range cable fixed c from	-25
temperature range cable fixed c to	70
bending radius cable fixed	28 mm
bending radius cable movable	45 mm
cable diameter	5.7



Cable: 5 x 0,5 mm², contacts: 5, female cable connector moulded, Cable length 5 m