

Product Female cable connector moulded
Area M12 connectors B-Coding

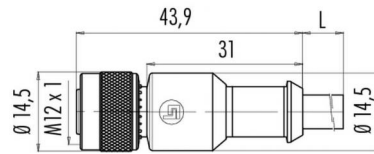
serie 766

Pole 5
Article number 79 4450 20 05

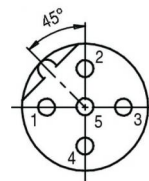
illustration



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-locking
Termination	crimp, overmoulded on cable
Wire gauge (mm)	0,50 mm ²
Wire gauge (AWG)	20
Max. Cable outlet	-
Upper temperature	+85 °C
Lower temperature	-25 °C

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

Material

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

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 2 m