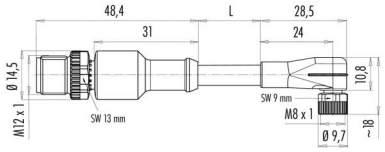
Product	Male cable connector M12x 1 – female angled connector M8 x 1	Pole	4
Area	Connecting cables - sensor connectors serie 765	Article number	79 5101 10 04

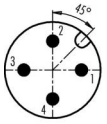
illustration

scale drawing

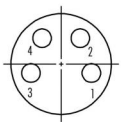


Contact Arrangement

Stifteinsatz M12
Male insert M12



Buchseneinsatz M8
Female insert M8



1 braun/*brown*
2 weiß/*white*
3 blau/*blue*
4 schwarz/*black*

Technical data

Common values

Connector Design	Connecting cable
Connector locking system	Screw
Termination	crimp, overmoulded on cable
Wire gauge (mm)	0,25 mm²
Wire gauge (AWG)	24
Upper temperature	+85 °C
Lower temperature	-25 °C

Electrical values

Rated voltage	30 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	4 A
Volume resistivity	≤ 3 mΩ
Degree of protection	IP 67
Mechanical operation	>100 mating cycles

Material

Material of contact	Stift/ CuZn brass), socket/ CuSn (bronze)
Contact plating	Au (gold)
Material of contact body	PUR
Material of housing	PUR

Cable data

Contacts 4: Cable length 1 m, male cable connector M12 x 1 – female angled connector M8 x 1, cable 4 x 0,25 PUR