

Product **Contacts: 12, cable length 2 m, cable: 12 x 0.25mm², PUR, female cable connector, overmoulded**

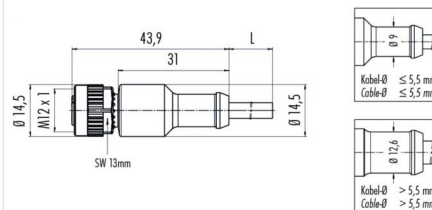
Area **M12-A Series 763**

Article number **77 3430 0000 50712-0200**

Illustration



Scale drawing



Contact Arrangement

	X	Y	
1	-2,80	0,78	1 braun/brown
2	-0,78	2,80	2 blau/blue
3	1,09	2,69	3 weiß/white
4	2,51	1,46	4 grün/green
5	2,88	-0,37	5 rosa/pink
6	2,05	-2,05	6 gelb/yellow
7	0,37	-2,88	7 schwarz/black
8	-1,46	-2,51	8 grau/grey
9	-2,69	-1,09	9 rot/red
10	-0,78	0,78	10 violett/purple
11	1,06	0,29	11 grau/rosa/grey/pink
12	-0,29	-1,06	12 rot/blau/red/blue

Geschirmte Versionen: Schirm auf Gehäuse
Shielded versions: shield on housing

Technical data

General features

Connector locking system bolted
Termination crimp, moulded on cable
Wire gauge (mm) 0,25 mm²
Wire gauge (AWG) (24)
Upper temperature 90 °C
Lower temperature -25 °C

Cable data

material housing PUR
Insulation single lead PP
Single lead structure 32 x 0,1
Cable sheath Ø 6.5
Conductor resistance 79 Ω/Km
Temperature range cable movable °C from -25
Temperature range cable movable °C to 90
Temperature range cable fixed °C from -50
Temperature range cable fixed °C to 90
Bending radius cable fixed min. 5 x D
Bending radius cable movable min. 10 x D
Approval 1 UL listed
Cable diameter 6.5

Electrical parameters

Rated voltage 30 V
Rated impulse voltage 500 V
Pollution degree 3
Overvoltage category II
Material group II
Rated current (40°C) 1,5 A
Volume resistivity ≤ 3 mΩ
EMV compliance not shielded
Degree of protection IP69K
Mechanical operation > 100 Mating cycles

Material

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