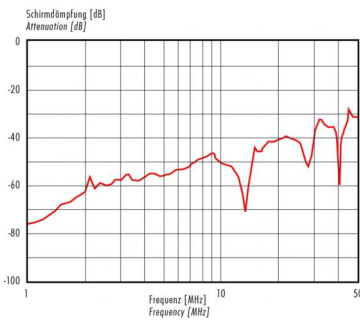


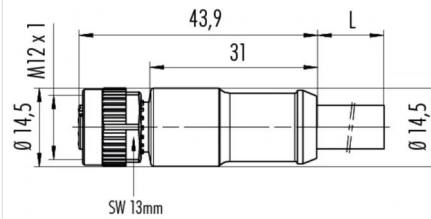
Product **Female cable connector, moulded, PUR**

Area **M12-A Series 763 POWER**
Article number **77 0606 0000 50704-0500**

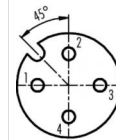
Illustration



Scale drawing



Contact Arrangement



	X	Y
1	-2,50	0,00
2	0,00	2,50
3	2,50	0,00
4	0,00	-2,50

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

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

Technical data

General features

Connector locking system	bolted
Termination	crimp, overmoulded on cable
Wire gauge (mm)	1,5 mm ²
Wire gauge (AWG)	16
Upper temperature	90 °C
Lower temperature	-25 °C

Cable data

material housing	PUR
Insulation single lead	PP
Single lead structure	42 x 0,1
Cable sheath Ø	4.7
Conductor resistance	60 Ω/Km (20°C)
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	80
Bending radius cable fixed	min. 5 x D
Bending radius cable movable	min. 10 x D
Approval 1	UL listed

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	8 A
Volume resistivity	≤ 3 mΩ
EMV compliance	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