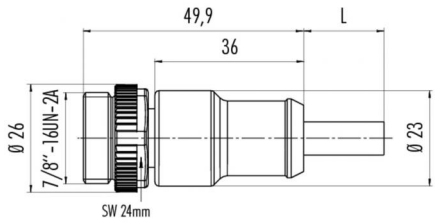
Product sheet

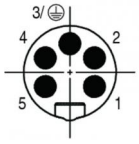
Automation Technology

Product	**Contacts: 5, cable: 5 x 1,5 PUR, male cable connector, cable length: 10m**
Area	**7/8" Series 870**
Article number	**77 1429 0000 50005-1000**

Scale drawing



Contact Arrangement



1 schwarz/*black*
2 blau/*blue*
PEgrün/gelb/*green/yellow*
4 braun/*brown*
5 weiß/*white*

Technical data

General features

Connector Design	Cable Connector
Connector locking system	bolted
Wire gauge (mm)	1,5 mm²
Wire gauge (AWG)	(16)
Upper temperature	85 °C
Lower temperature	-25 °C

Cable data

material housing	PUR
Insulation single lead	TPM
Single lead structure	82 x 0,15
Cable sheath Ø	8.7
Temperature range cable movable °C from	-20
Temperature range cable movable °C to	80
Temperature range cable fixed °C from	-50
Temperature range cable fixed °C to	80
Bending radius cable fixed	-
Bending radius cable movable	7,5 x d
Approval 1	UL listed
Cable diameter	8.7

Electrical parameters

Rated voltage	300 V
Rated impulse voltage	4000 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	9 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP68
Mechanical operation	> 100 Mating cycles

Material

Material of contact	CuZn (Messing)
Contact plating	Au (gold)
Material of contact body	PUR
Material of housing	PUR