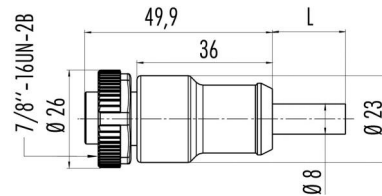


Product Area	Female cable connector 7/8" connectors	serie 870	Pole	5
			Article number	79 2460 20 05

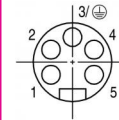
#### illustration



#### scale drawing



#### Contact Arrangement



- 1 schwarz/black
- 2 blau/blue
- PE grün/gelb/green/yellow
- 4 braun/brown
- 5 weiß/white

#### Technical data

##### Common values

Connector Design	Female cable connector
Connector locking system	screw 7/8" - 16 UN
Termination	crimp
Wire gauge (mm)	1,50 mm <sup>2</sup>
Wire gauge (AWG)	16
Upper temperature	+85 °C
Lower temperature	-25 °C

##### Electrical values

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	-
Degree of protection	IP 68
Mechanical operation	>100 mating cycles

##### Material

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

##### Cable data

material housing	PUR
insulation single lead	TPM
single lead structure	82 x 0,15 mm
cable sheath Ø	8,7
conductor resistance	-
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

Cabel: 5 x 1,5 PUR, contacts: 5, female cabel connector, cabel length: 2 m

