

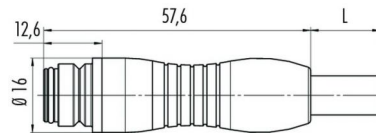
Product female cable connector black, injection-moulded cable  
Area Snap-in connectors IP 67 serie 720

Pole 12  
Article number 79 9178 020 12

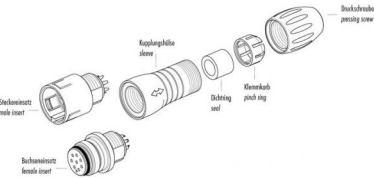
#### illustration



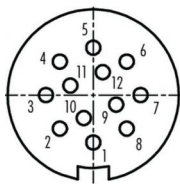
#### scale drawing



#### Item description



#### Contact Arrangement



- 1 weiß/white
- 2 braun/brown
- 3 grün/green
- 4 gelb/yellow
- 5 grau/grey
- 6 rosa/pink
- 7 blau/blue
- 8 rot/red
- 9 schwarz/black
- 10 violett/purple
- 11 grau/rosa/grey/pink
- 12 rot/blau/red/blue

#### Technical data

##### Common values

Connector Design	Female cable connector
Termination	overmoulded on cable
Wire gauge (mm)	0,25 mm <sup>2</sup>
Wire gauge (AWG)	24
Upper temperature	+70 °C
Lower temperature	-5 °C

##### Electrical values

Rated voltage	60 V
Rated impulse voltage	800 V
Pollution degree	2
Overvoltage category	II
Material group	II
Rated current (40°C)	2 A
Volume resistivity	≤ 3 mΩ
Degree of protection	IP 67
Mechanical operation	>500 mating cycles

##### Material

Material of contact	CuSn (bronze)
Contact plating	Au (gold)
Material of contact body	PA (UL 94 V-0)
Material of housing	PUR

##### Cable data

material housing	PUR
insulation single lead	PVC
single lead structure	1,4 x 0,15
cable sheath Ø	7
conductor resistance	72 Ω/km (20 °C)
temperature range cable movable c from	-5
temperature range cable movable c to	70
temperature range cable fixed c from	-25
temperature range cable fixed c to	70
bending radius cable fixed	min. 40 mm
bending radius cable movable	min. 70 mm

Number of pins: 12, female cable connector, black, injection-moulded cable, cable length 2 m

