

Product Cable plug connector with UL approval, with die-cast threaded ring, with pin marking in connecting area, cable outlet 6 - 8 mm, 10 - 12 mm

Pole

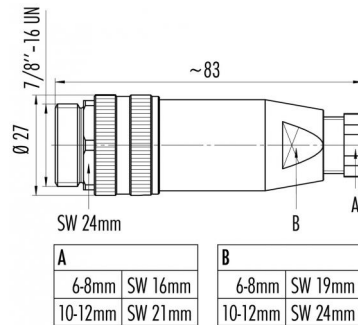
Area 7/8" series 820

Article number 99 2445 12 05

illustration



scale drawing



Contact Arrangement

	X	Y	
1	3,94	-2,28	1 schwarz/black
2	3,94	2,28	2 blau/blue
3	-	4,54	3 grün/gelb/green/yellow
4	-3,94	2,28	4 braun/brown
5	-3,94	-2,28	5 weiß/white



You can find the item description and assembly instruction on the next page.

Technical data

Common values

Connector Design	Cable plug connector
Connector locking system	Screws 7/8" - 16 UN
Wire gauge (mm)	1.50 mm ²
Wire gauge (AWG)	16
Cable outlet	6 - 8 mm
Upper temperature	+85 °C
Lower temperature	-25 °C

Electrical values

Rated voltage	300 V
Rated impulse voltage	4000
Pollution degree	3
Overvoltage category	III
Material group	III
Rated current (40 °C)	9 A
Volume resistivity	≤ 3 mΩ
Degree of protection	IP67
Mechanical operation	> 50 mating cycles

Material

Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PUR, PA (UL 94 HB)
Material of housing	PBT (UL 94 V-0)

Cable data

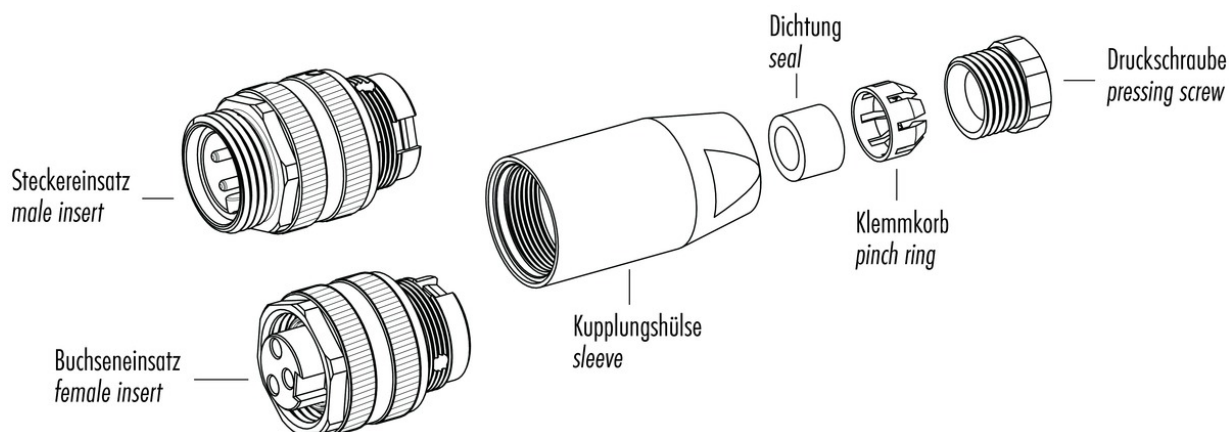
material housing	-
insulation single lead	-
single lead structure	-
conductor resistance	-
bending radius cable fixed	-
bending radius cable movable	-

cable outlet: 6 - 8 mm, cross-section: 1.5m²,
Contacts: 4+PE, Cable plug connector with UL
approval, with pin marking in connecting area



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Area	7/8" serie 820	Article number 99 2445 12 05

Item description



Installation instructions / Mounting cutout

