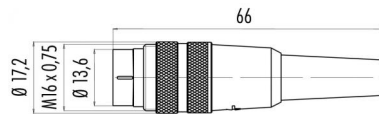


Product Area	Male cable connector, cable outlet 3-6 mm M16 connectors IP 40	serie 680	Pole Article number	14 09 0341 00 14
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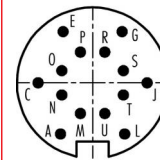
illustration



scale drawing



Contact Arrangement



	X	Y
A	-2,50	-4,00
C	-4,25	0,00
E	-2,30	4,00
G	2,30	4,00
J	4,25	0,00
L	2,50	-4,00
M	-0,95	-2,40
N	-2,40	-0,95
O	-2,40	0,95
P	-0,95	2,40
R	0,95	2,40
S	2,40	0,95
T	2,40	-0,95
U	0,95	-2,40

You can find the item description on the next page.

Technical data

Common values

Connector Design	Male cable connector
Connector locking system	Screw
Termination	solder
Wire gauge (mm)	0,25 mm ²
Wire gauge (AWG)	24
Cable outlet	3 - 6 mm
Upper temperature	+85 °C
Lower temperature	-40 °C

Material

Material of contact	CuZn (brass)
Contact plating	Au (gold)
Material of contact body	PBT (UL 94 V-0)
Material of housing	PA (UL 94 HB)

Cable data

Contacts 14, male cable connector, cable outlet 3 - 6 mm, gold plated contacts

Electrical values

Rated voltage	60 V
Rated impulse voltage	500
Pollution degree	1
Overvoltage category	I
Material group	III
Rated current (40°C)	3 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP 40
Mechanical operation	>500 mating cycles



Product Male cable connector, cable outlet 3-6 mm
 Area M16 connectors IP 40

serie 680

Pole 14
 Article number 09 0341 00 14

Date: 2014-10-05 - Page 2 of 2

Item description

