

Product Area	Male cable connector with solder eye, cable outlet 6-8 mm M16 connectors IP 40	serie 581	Pole	7	Article number	99 2025 02 07
--------------	---	-----------	------	---	----------------	---------------

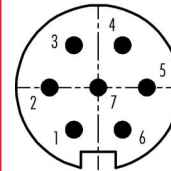
illustration



scale drawing



Contact Arrangement



	X	Y
1	-1,75	-3,03
2	-3,50	0,00
3	-1,75	3,03
4	1,75	3,03
5	3,50	0,00
6	1,75	-3,03
7	0,00	0,00

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)	0,75 mm ²
Wire gauge (AWG)	20
Cable outlet	6 - 7,8 mm
Upper temperature	+85 °C
Lower temperature	-40 °C

Material

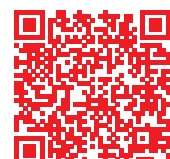
Material of contact	CuZn (brass)
Contact plating	Ag (silver)
Material of contact body	PBT (UL 94 V-0)
Material of housing	CUZn (brass nickel plated)

Cable data

Contacts 7, male cable connector with solder eye ring, shieldable, cable outlet 6 - 8 mm, silver plated contacts

Electrical values

Rated voltage	125 V
Rated impulse voltage	800 V
Pollution degree	1
Overvoltage category	I
Material group	III
Rated current (40°C)	5 A
Volume resistivity	≤ 5 mΩ
EMV compliance	shielded
Degree of protection	IP 40
Mechanical operation	>500 mating cycles



Product Male cable connector with solder eye, cable outlet 6-8 mm
Area M16 connectors IP 40 serie 581

Pole 7
Article number 99 2025 02 07

Date: 2014-07-20 - Page 2 of 2

Item description

