

Product	Contacts: 5, Cable plug connector, CAN bus, with UL approval	Area	M12-A Series 763
Pole	5	Article number	77 2529 0000 50705-0500

Illustration	Scale drawing	Contact Arrangement

Technical data

Common values

Connector Design	Cable plug connector
Connector locking system	screw
Termination	crimp, injection-moulded cable
Wire gauge (mm)	1 x 2 x AWG 22/ 1 x 2 x AWG 24
Wire gauge (AWG)	1 x 2 x AWG 22/ 1 x 2 x AWG 24
Upper temperature	85 °C
Lower temperature	-25 °C

Cable data

material housing	PUR
Insulation single lead	Polyolefin
Single lead structure	19x0.16/19x0.13
Cable sheath Ø	7.2
Conductor resistance	-
Approval	UL style: UL 1581, UL 444

Electrical values

Rated voltage	60 V
Rated impulse voltage	1500 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	4 A
Volume resistivity	≤ 3 mΩ
EMV compliance	shielded
Degree of protection	IP67
Mechanical operation	> 100 mating cycles

Material

Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PUR
Material of housing	PUR

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