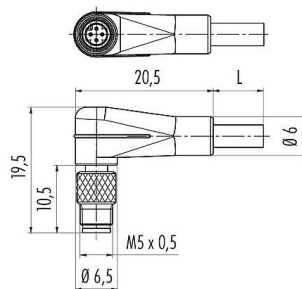


Product description	M5 Male angled connector, Contacts: 4, unshielded, moulded on the cable, IP67, UL, M5x0.5, PUR, black, 4 x 0.25 mm ² , 2 m
Area	M5
Part no.	77 3457 0000 50004-0200

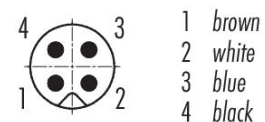
Illustration



Scale drawing



Contact arrangement (Plug-in side)



Technical data

General features

Part no.	77 3457 0000 50004-0200
	Alternative part no.: 79 3109 32 04
Notice	Please note that, due to the change from the old to the new order number, there may be deviations in the technical specifications. For questions about product details, please use the 'Contact Customer Service' form on the right.
Connector design	Male angled connector
Type standard	DIN EN 61076-2-105
Cable length	2 m (Standard 2 m and 5 m. Other lengths are available on request.)
Version	Connector pin angled
Connector locking system	screw
Termination	moulded on the cable
Degree of protection	IP67
Cross-sectional area	0.25 mm ² / AWG 24
Temperature range from/to	-25 °C / 80 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	46.00
Customs tariff number	85444290
Country of Origin	DE

Electrical parameters

Rated voltage	60 V
Rated impulse voltage	800 V
Rated current	1.0 A
Insulation resistance	> 10 ⁸ Ω
Pollution degree	3
Overvoltage category	II

Product data sheet

Automation technology - Sensors and actuators



Product description	M5 Male angled connector, Contacts: 4, unshielded, moulded on the cable, IP67, UL, M5x0.5, PUR, black, 4 x 0.25 mm², 2 m
Area	M5
Part no.	77 3457 0000 50004-0200

Insulating material group	I
EMC compliance	unshielded

Material

Housing material	PUR
Contact body material	PUR
Contact material	CuZn (brass)
Contact plating	Au (gold)
Locking material	CuZn (brass)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	3c42809e-8878-48be-aa17-5e61f72b39ea

Authorization/approvals

Approvals	UL
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Classifications

eCl@ss 11.1	27-06-03-11
ETIM 9.0	EC002638

Declarations of conformity

Low Voltage Directive	2014/35/EU (EN 60204-1:2018;EN 60529:1991)
RoHS Directive	2011/65/EU (EN 50581:2012)

Cable data - Structure of the cable

Cable diameter	4.0 mm
Cross section	4 x 0.25 mm²
Sheath material	PUR
Single-lead insulation	PUR
Single-lead structure	32 x 0.10 mm
Cable color	black

Cable data - Electrical properties

Conductor resistance	79.9 Ω/Km (20°C)
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Cable data - Mechanical properties

Bending radius, fixed cable	≥ 5 x Ø
Bending radius, moving cable	≥ 10 x Ø

Cable data - Thermal properties

Temperature range cable in move from/to	-5 °C / 80 °C
Temperature range cable fixed from/to	-25 °C / 80 °C

Product description	M5 Male angled connector, Contacts: 4, unshielded, moulded on the cable, IP67, UL, M5x0.5, PUR, black, 4 x 0.25 mm², 2 m
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Cable data - Other features

Halogen free	yes
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Product description	M5 Male angled connector, Contacts: 4, unshielded, moulded on the cable, IP67, UL, M5x0.5, PUR, black, 4 x 0.25 mm², 2 m
Area	M5
Part no.	77 3457 0000 50004-0200

Security notices

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Plug connectors with enclosure protection IP67 and IP68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.

To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 50 cNm).