



Hand in hand for tomorrow



Product data sheet

cable KV M12

Reliable. Compact. Flexible.

KV cable extensions

The SCHUNK KV cable extensions are excellently suitable for supplying SCHUNK components, and for leading signals.

Field of application

Cable extensions are used where electric connections between two components should be done without cable assembly

Advantages – Your benefits

Pre-assembled cable easy and fast wiring, without tool

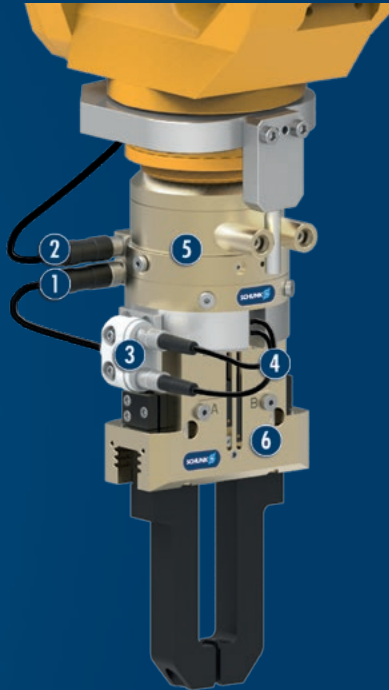
Standard plug connector for universal application



Options and special information

Compatibility: Can be troublefree combined with SCHUNK sensors, actuators, and sensor distributors.

Application example



① KST cable connector

② Cable extension

③ Sensor distributor

④ Magnetic switch MMS

⑤ Rotary feed-through DDF 2

⑥ Universal gripper PGN-plus

SCHUNK offers more ...

The following components make the product even more productive – the suitable addition for the highest functionality, flexibility, reliability, and controlled production.



2-finger small components gripper



Sensor system



Sensor distributor

① For more information on these products can be found on the following product pages or at [schunk.com](https://www.schunk.com).

KV M12

cable

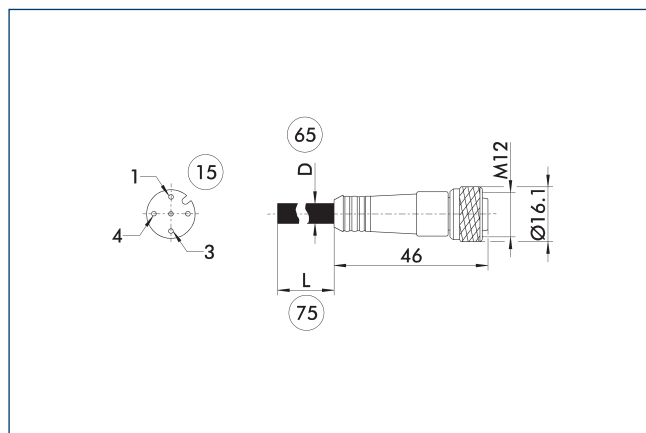


Technical data

Description		KV BG12-SG12 3P-0030-PNP	KV BG12-SG12 3P-0060-PNP	KV BW12-SG12 3P-0030-PNP	KV BW12-SG12 3P-0100-PNP	KV BW12-SG12 3P-0200-PNP	KV GGN1205-IOL-00200-A
ID		0301999	0301998	0301595	0301596	0301597	1387195
Connection sensor side		Straight socket	Straight socket	Angled socket	Angled socket	Angled socket	Straight socket
Thread sensor sided		M12	M12	M12	M12	M12	M12
Angled connector, sensor side	[°]	0	0	90	90	90	0
Connector control cabinet side		Straight plug	Straight plug	Straight plug	Straight plug	Straight plug	Straight plug
Thread control cabinet sided		M12	M12	M12	M12	M12	M12
Angle control cabinet sided	[°]	0	0	0	0	0	0
Cable length	[m]	0.3	0.6	0.3	1	2	2
Number of wires		3	3	3	3	3	5
Wire cross section	[mm²]	0.25	0.25	0.25	0.25	0.25	0.34
Weight	[kg]	0.04	0.05	0.05	0.08	0.13	0.101
Max. current per wire	[A]	4	4	4	4	4	4
Max. current	[A]	4	4	4	4	4	4

Description		KV GGN1205-IOL-00500-A	KV WGN1205-IOL-00200-A	KV WGN1205-IOL-00500-A
ID		1387199	1387202	1387205
Connection sensor side		Straight socket	Angled socket	Angled socket
Thread sensor sided		M12	M12	M12
Angled connector, sensor side	[°]	0	90	90
Connector control cabinet side		Straight plug	Straight plug	Straight plug
Thread control cabinet sided		M12	M12	M12
Angle control cabinet sided	[°]	0	0	0
Cable length	[m]	5	2	5
Number of wires		5	5	5
Wire cross section	[mm²]	0.34	0.34	0.34
Weight	[kg]	0.22	0.103	0.213
Max. current per wire	[A]	4	4	4
Max. current	[A]	4	4	4

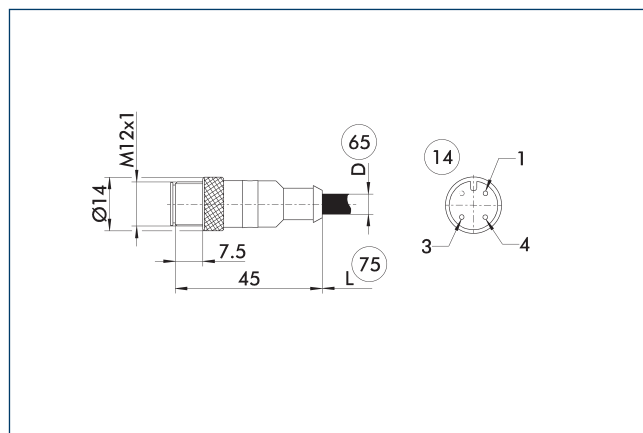
KV M12 socket straight



- 15 Socket
65 Cable diameter

75 Cable length

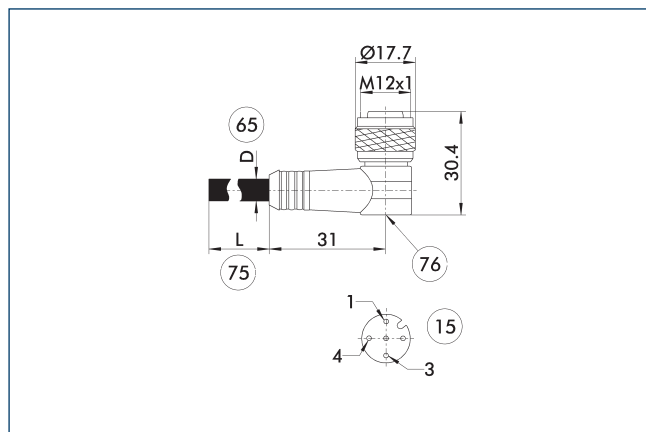
KV M12 plug straight



- 14 Connector
65 Cable diameter

75 Cable length

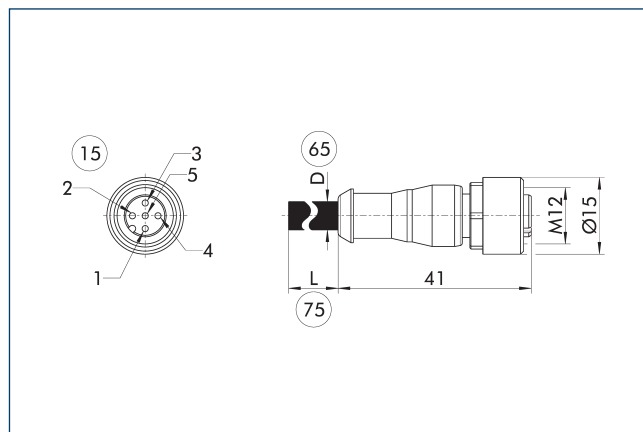
KV M12 socket angular



- 15 Socket
65 Cable diameter

75 Cable length
76 LED

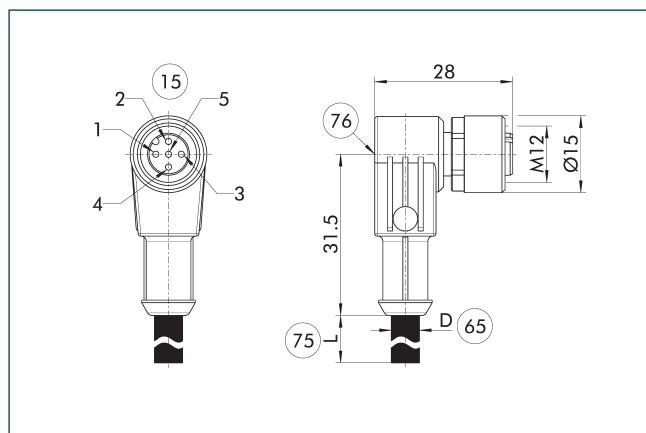
Main view KV GGN1205



- 15 Socket
65 Cable diameter

75 Cable length

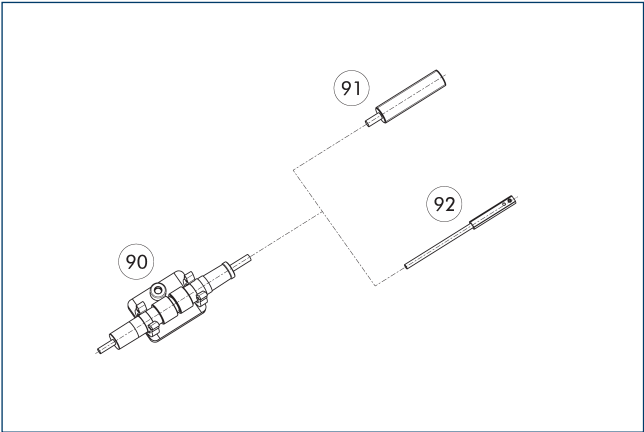
Main view KV WGN1205



- 15 Socket
65 Cable diameter

75 Cable length
76 LED

Clip for connector/socket



- 90 CLI plug bracket
- 91 IN proximity switch
- 92 Magnetic switch MMS

The CLI clip is used for fastening and strain relief for the plug connectors. For example for the sensor and cable extension connection.

Description	ID	
Clip for connector/socket		
CLI-M12	0301464	



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