



Superior Clamping and Gripping



Product Information

Plugs/sockets and adjustable housings KBU-KST

KBU-KST

Plugs/sockets and adjustable housings

Easy. Robust. Compact.

KBU/KST cable connector

The KST (cable connector) and KBU (cable bushing) are used for preparing lines for sensors and actuators.

Field of application

The SCHUNK KBU/ KST are used together with sensors, actuators, distributors, and cables. Wherever customized cable lengths are required.

Advantages – Your benefits

Easy assembly The KBU/ KST can be quickly and easily connected to cables, and therefore reduces the complete installation time.

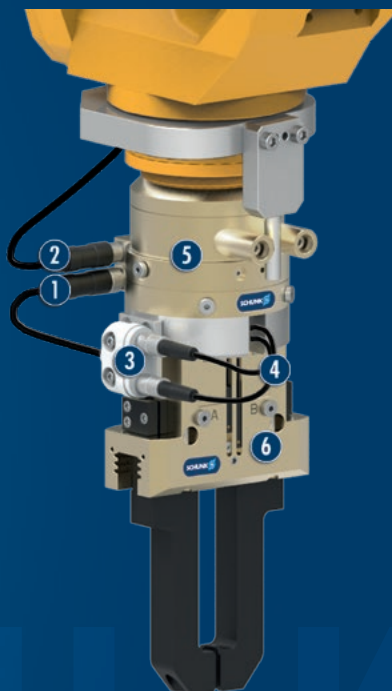
Industrial standard plug connector The KBU/ KST can be troublefree combined with every conventional component



Options and special information

Can be troublefree combined with SCHUNK sensors, actuators, and sensor distributors.: for easy and flexible handling

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.



Sensor cables



Inductive proximity switches



SST sensor tester



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).

KBU-KSTM8

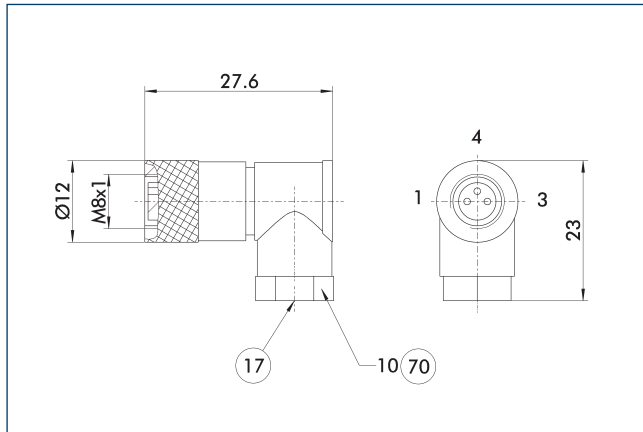
Plugs/sockets and adjustable housings



Technical data

Cable socket					
Description		KBU-M8-G 3P	KBU-M8-W 3P	KBU-M8-G 4P	KBU-M8-W 4P
ID		0300052	0300053	1506418	1506422
Connection sensor side		Straight socket	Angled socket	Straight socket	Angled socket
Thread sensor sided				M8	M8
Angled connector, sensor side	[°]			0	
Connector control cabinet side		open wire strands	open wire strands	open wire strands	open wire strands
Angle control cabinet sided	[°]	0	0	0	0
Number of wires		3	3	4	4
Wire cross section	[mm²]	0.25	0.25	0.25	0.25
Weight	[g]			29	7
Max. current per wire	[A]	0.5	0.5	0.5	0.5
Max. current	[A]	0.5	0.5	0.5	0.5
Cable connector					
Description		KST-M8-G 3P	KST-M8-W 3P	KST-M8-G 4P	KST-M8-W 4P
ID		0300050	0300051	31001445	1451015
Connection sensor side		Straight plug	Angled plug	Straight plug	Angled plug
Thread sensor sided				M8	M8
Angled connector, sensor side	[°]			0	
Connector control cabinet side		open wire strands	open wire strands	open wire strands	open wire strands
Angle control cabinet sided	[°]	0	0	0	0
Number of wires		3	3	4	4
Wire cross section	[mm²]	0.25	0.25	0.25	0.25
Weight	[g]			13.5	13.7
Max. current per wire	[A]	0.5	0.5	0.5	0.5
Max. total current	[A]	0.5	0.5	0.5	0.5

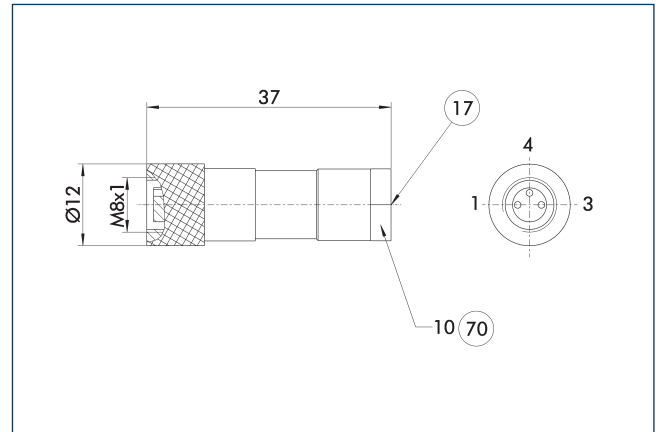
Socket angled M8



17 Cable outlet

70 Wrench size

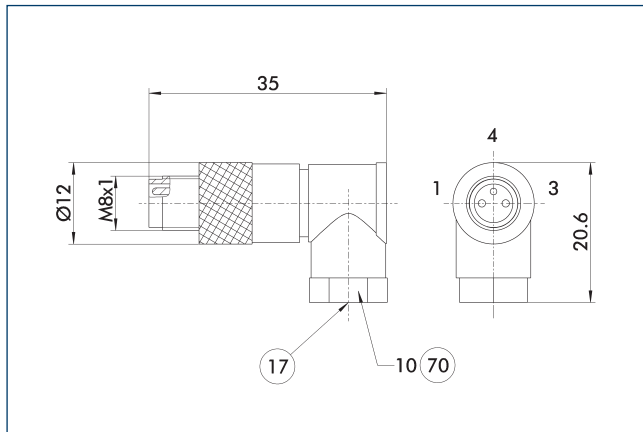
Socket straight M8



17 Cable outlet

70 Wrench size

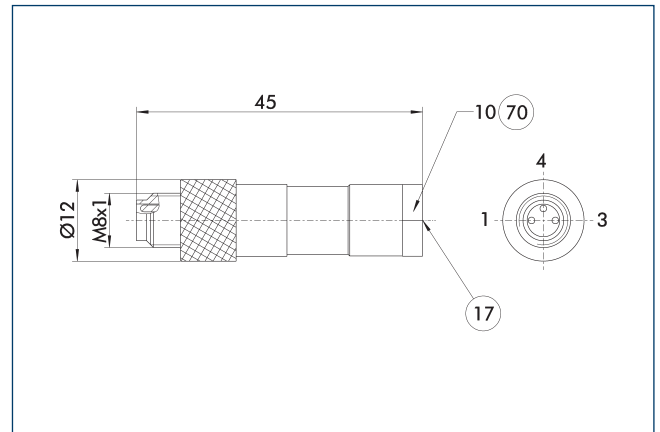
Connector angled M8



17 Cable outlet

70 Wrench size

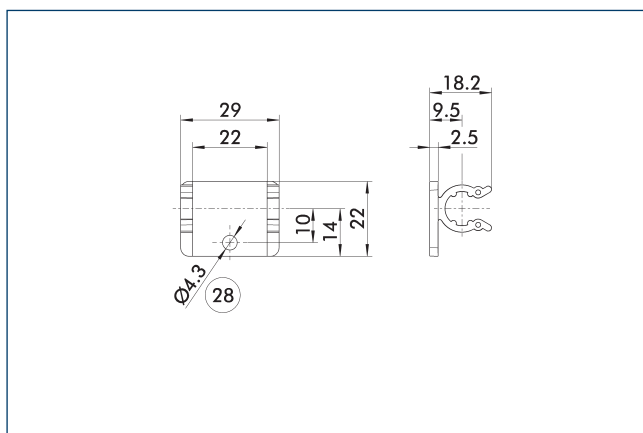
Connector straight M8



17 Cable outlet

70 Wrench size

CLI-M8 main view



28 Through-hole

Description	ID
clip for plug/socket	
CLI-M8	0301463

KBU-KSTM12

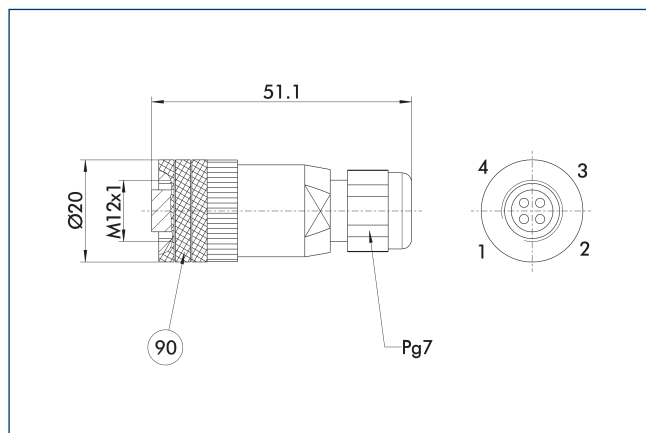
Plugs/sockets and adjustable housings



Technical data

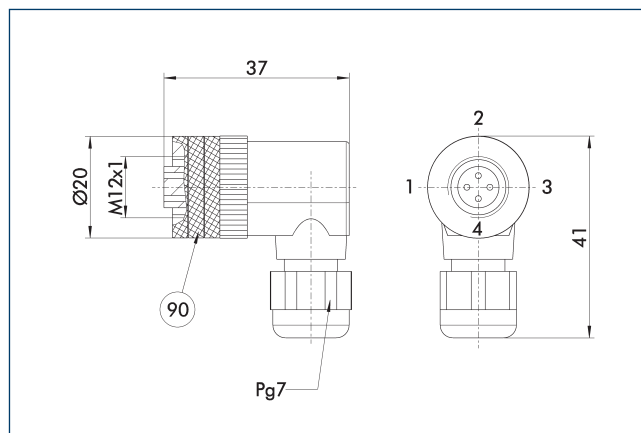
Cable socket			
Description		KBU-M12-G	KBU-M12-W
ID		0300062	0300063
Connection sensor side		Straight socket	Angled socket
Angled connector, sensor side	[°]	0	
Connector control cabinet side		open wire strands	open wire strands
Angle control cabinet sided	[°]	0	0
Number of wires		4	4
Wire cross section	[mm²]	0.75	0.75
Max. current per wire	[A]	0.5	0.5
Max. current	[A]	0.5	0.5
Cable connector			
Description		KST-M12-G	KST-M12-W
ID		0300060	0300061
Connection sensor side		Straight plug	Angled plug
Angled connector, sensor side	[°]	0	
Connector control cabinet side		open wire strands	open wire strands
Angle control cabinet sided	[°]	0	0
Number of wires		4	4
Wire cross section	[mm²]	0.75	0.75
Max. current per wire	[A]	0.5	0.5
Max. total current	[A]	0.5	0.5

Socket straight M12



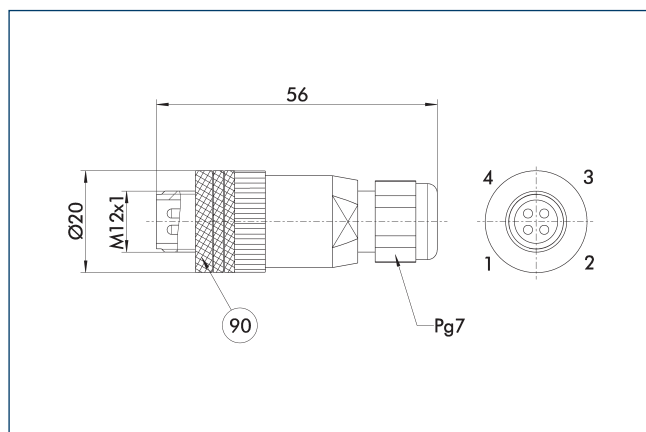
90 Locking ring

Socket angled M12



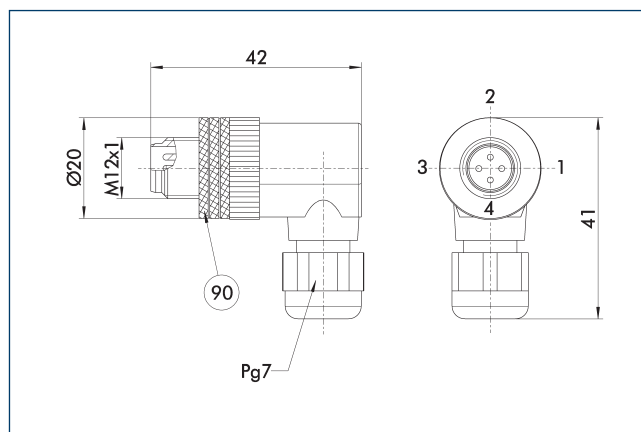
90 Locking ring

Plug, straight, M12



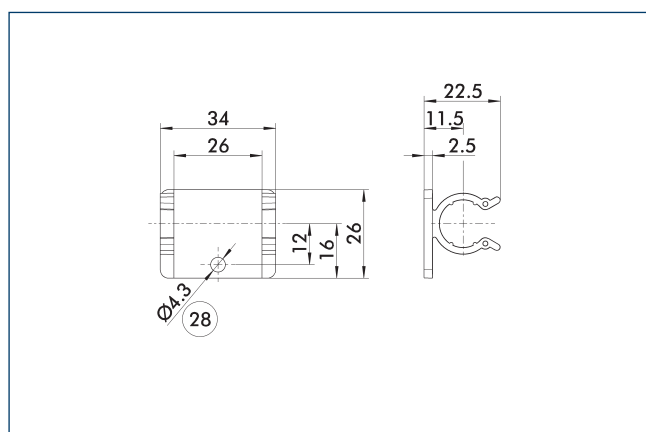
90 Locking ring

Connector angled M12



90 Locking ring

CLI-M12 main view



28 Through-hole

Description	ID	
clip for plug/socket		
CLI-M12	0301464	

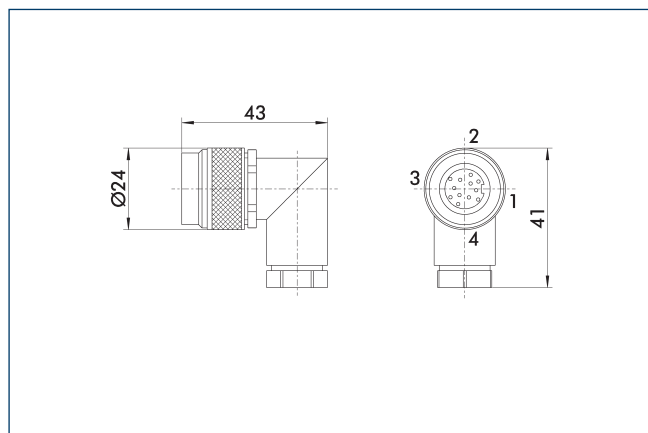
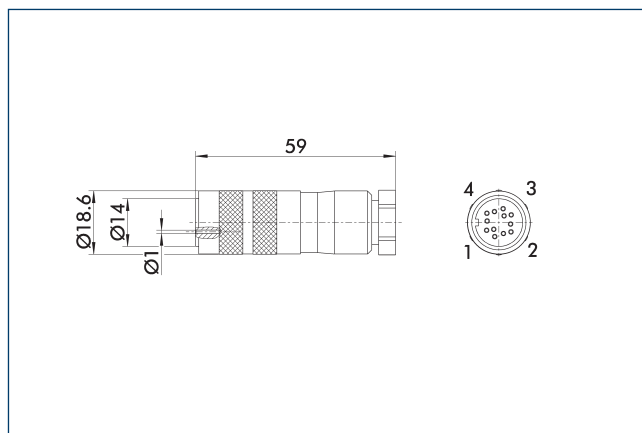
KBU-KSTM16

Plugs/sockets and adjustable housings



Technical data

Cable socket			
Description		KBU-M16-W 12P	KBU-M16-G 12P
ID		9940790	9941732
Connection sensor side		Angled socket	Straight socket
Connector control cabinet side		open wire strands	open wire strands
Angle control cabinet sided	[°]	0	0
Number of wires		12	12
Wire cross section	[mm²]	0.25	0.25
Max. current per wire	[A]	0.5	0.5
Max. current	[A]	0.5	0.5

Socket angular M16

Socket straight M16




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