



Hand in hand for tomorrow



Product data sheet

Feed-through modules C0B CI01

Compact. Reliable. Flexible.

Optional modules COB

Optional modules for feeding through different media such as electrical signals, pneumatics, fluids and vacuum.

Field of application

For fast media transfer with short change-over times between change master and change adapter in order to supply the end effector with the required media.

Advantages – Your benefits

Compact design Ensures a low interfering contour

Wide range of different variants for feeding through of various media

Standardized screw connection Enables quick and easy mounting on SCHUNK tool changers

Combination of several optional modules for maximum flexibility of the tool changer

Sophisticated design Ensures a combination of reliability and durability

Customer-specific designs available on request the suitable solution for any application

Cable connector, cable extensions and protection covers available on request for a comprehensive complete solution from one source



Application example



① Automatic tool changers CPB

② Optional modules COB

③ 2-finger parallel gripper PGN-plus-P

SCHUNK offers more ...

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



Tool changer



Manual change system



Pallet change system

① For more information on these products can be found on the following product pages or at schunk.com.

COB CI01

Feed-through modules

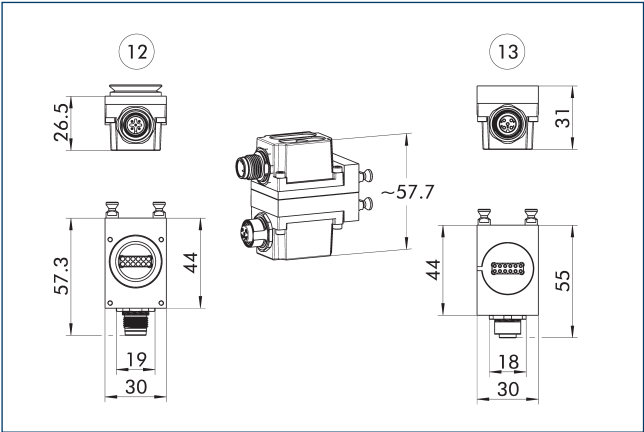


Technical data

Description		COB CI01-K	COB CI01-A
ID		1586418	1586416
Suitable on		Change head	Tool
Screw connection diagram		B	B
Transmission type		Communication	Communication
Weight	[kg]	0.051	0.054
Min./max. ambient temperature	[°C]	5/60	5/60
Protection class IP		IP64 (only in a coupled state)	IP64 (only in a coupled state)
Bus system		I0-Link Class B	I0-Link Class B
Number of pin contacts		5	5
Direct voltage	[V DC]	48	48
Electrical connection		M12 plug, A-coded, 5-pin	M12 socket, A-coded, 5-pin
Outlet connection		radial	radial
Nominal current output	[A]	4	4
Rated current logic	[A]	2	2

① We recommend using the appropriate connection cables and cable extensions on the following pages for interfering-contour-optimized application.

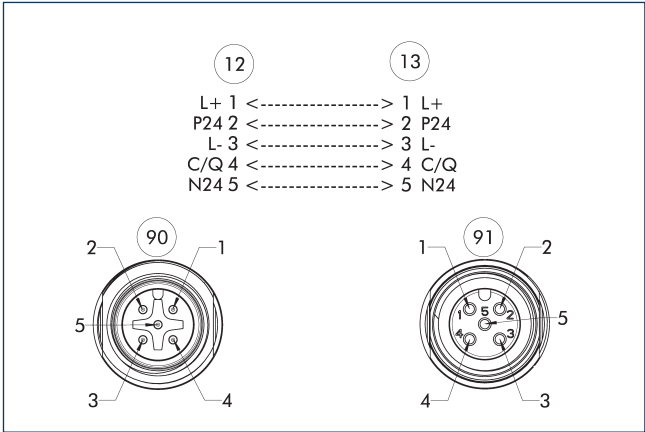
Combination COB CI01-K and COB CI01-A



12 Master side

13 Adapter side

Pin assignment for COB CI01-K and COB CI01-A



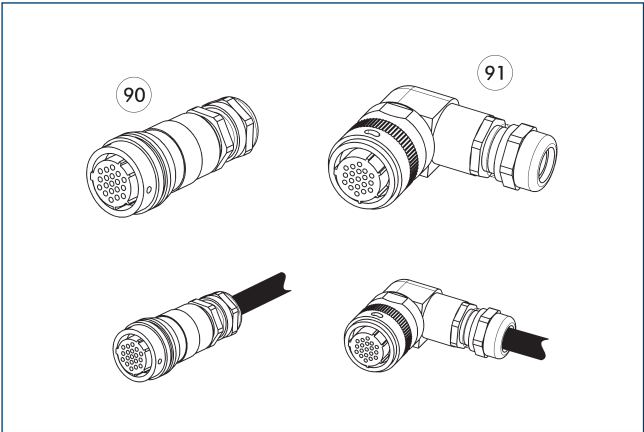
12 Master side

13 Adapter side

90 M12 plug, A-coded, 5-pin

91 M12 socket, A-coded, 5-pin

Cable plug/cable extension



90 Plug/socket straight

91 Connector/angled socket

Other cable lengths on request.

Description	ID	
Angled cable connector		
KBU-M12-W 5AP	1628055	
KST-M12-W 5AP	1628058	
Straight cable connector		
KBU-M12-G 5AP	1628057	
KST-M12-G 5AP	1628059	
Cable extension		
KV SG125AP-BG125AP-0030	1628050	
KV SG125AP-BW125AP-0030	1628051	



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