



Hand in hand for tomorrow



Product data sheet

Feed-through modules COS P186

Robust. Reliable. Flexible.

Optional modules COS

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

Fits perfectly for easy combination with SCHUNK tool changers

Wide range of different variants for feeding through of various media

Module variety the appropriate module for the required media transfer for every size of SCHUNK tool changers

Connector variants with radial, axial, and side cable outlet for a low interfering contour in restricted spaces

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

Minimum wear for a high number of change cycles and a long service life

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 CPS

③ Modular storage rack CTS

⑤ 2-finger parallel gripper JGP-P

② Optional modules COS

④ Universal gripper EGU

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



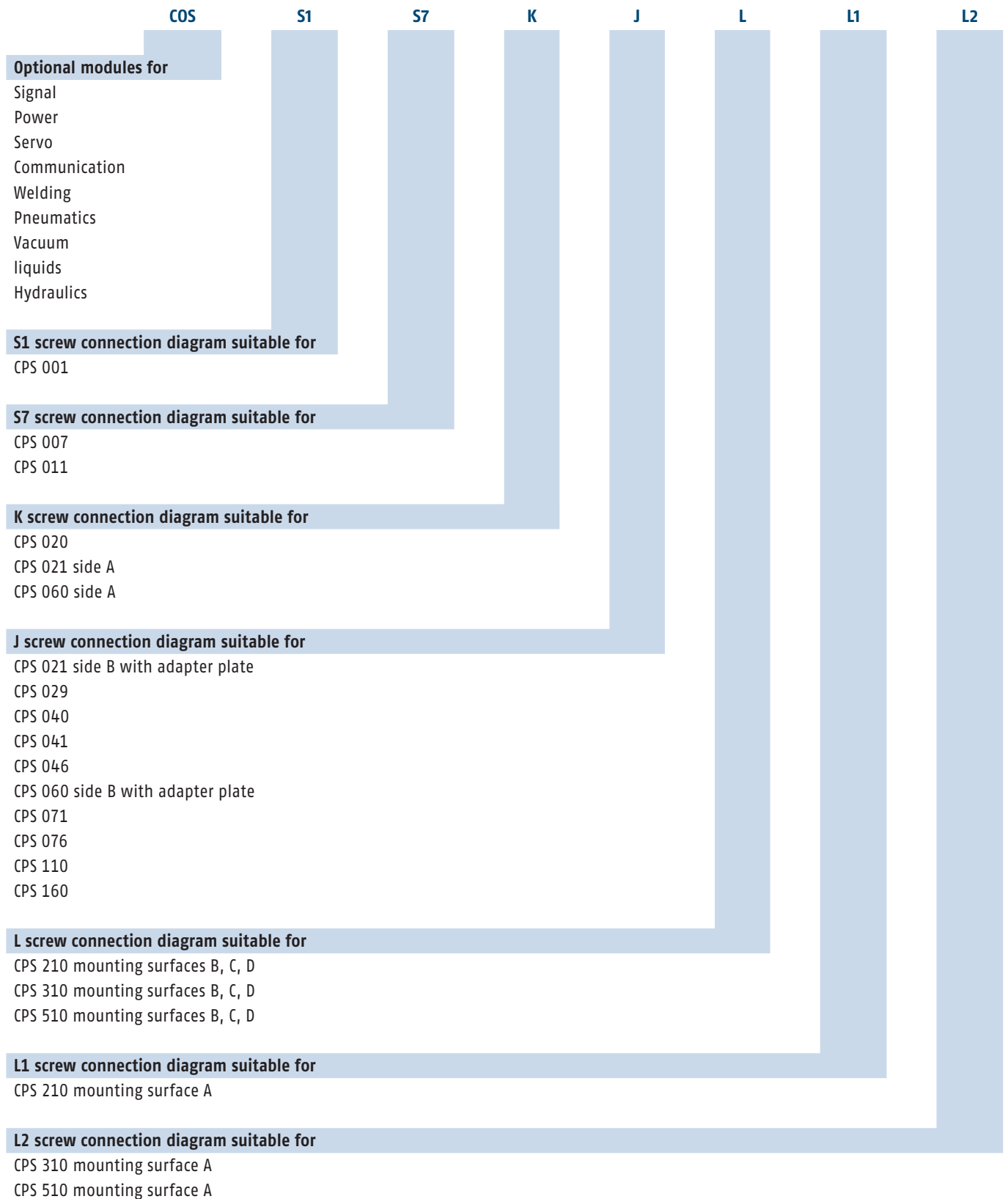
Manual change system



Pallet change system

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

Overview of optional modules and mounting pattern



Special designs with modified seals or lubrication are available on request

COS P186

Feed-through modules

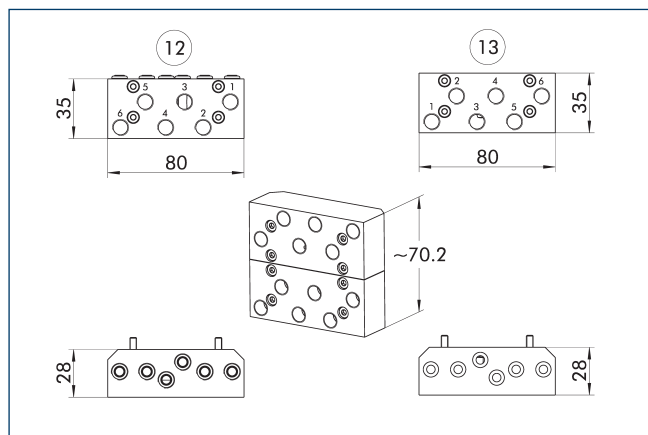


Technical data

Description		COS P186-K	COS P186A-K	COS P186-A	COS P186A-A
ID		1586862	1586866	1586861	1586864
Suitable on		Change head	Change head	Tool	Tool
Screw connection diagram		J/B	J/B	J/B	J/B
Transmission type		Pneumatics	Pneumatics	Pneumatics	Pneumatics
Weight	[kg]	0.14	0.16	0.16	0.16
Min./max. ambient temperature	[°C]	5/60	5/60	5/60	5/60
Outlet connection		radial	axial	radial	axial
No. of fluid feed-throughs		6x G1/8"	6x G1/8"	6x G1/8"	6x G1/8"
Type of medium		Air, vacuum	Air, vacuum	Air, vacuum	Air, vacuum
Max. volumetric flow per fluid feed-through		650 l/min (G1/8")	650 l/min (G1/8")	650 l/min (G1/8")	650 l/min (G1/8")
Max. operating pressure	[bar]	8	8	8	8
Special properties		COS P186-K and COS P186A-K are compatible with COS P186-A and COS P186A-A, respectively.	COS P186-K and COS P186A-K are compatible with COS P186-A and COS P186A-A, respectively.	COS P186-A and COS P186A-A are compatible with COS P186-K and COS P186A-K, respectively.	COS P186-A and COS P186A-A are compatible with COS P186-K and COS P186A-K, respectively.

① This feed-through module is also compatible with the CPB tool changer.

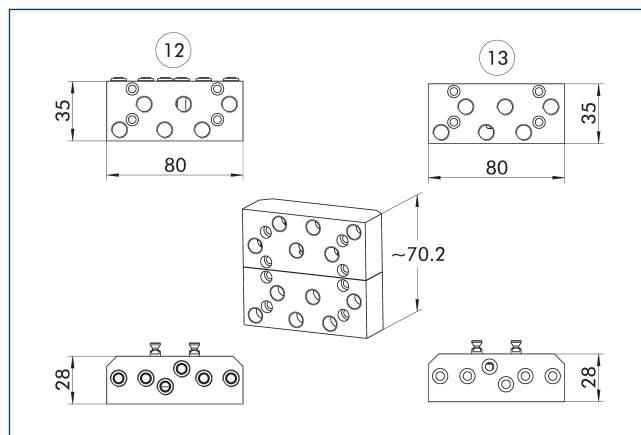
Combination COS P186-K and COS P186-A



12 Master side

13 Adapter side

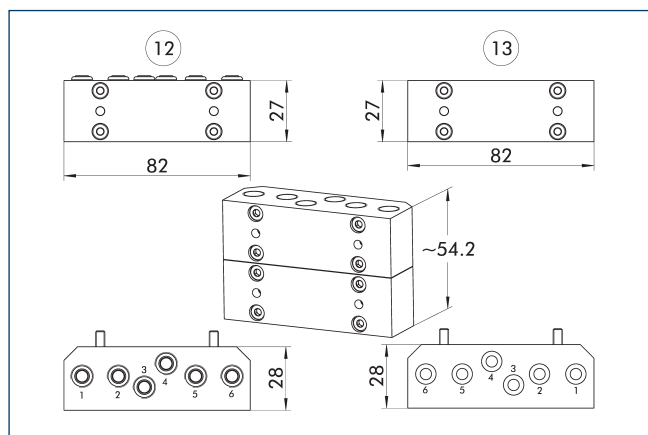
Combination COS P186-K and COS P186-A with bolt



12 Master side

13 Adapter side

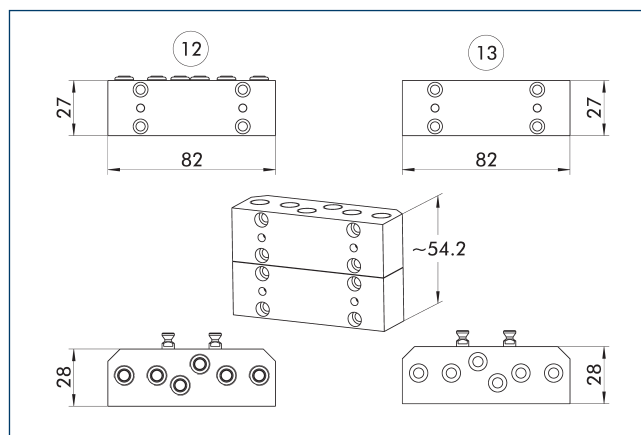
Combination COS P186A-K and COS P186A-A



12 Master side

13 Adapter side

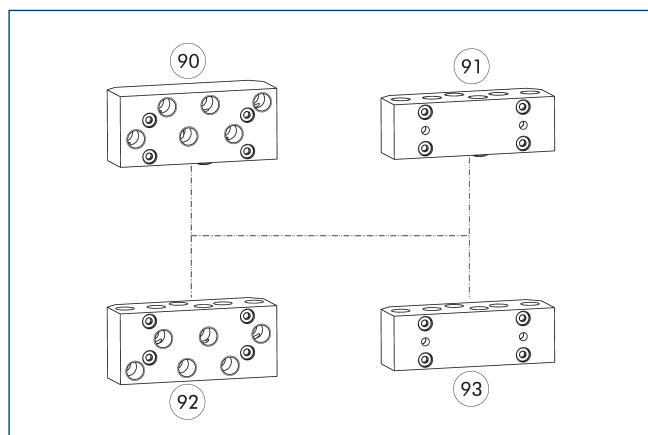
Combination COS P186A-K and COS P186A-A with bolt



12 Master side

13 Adapter side

Combination options P186 and P186A



90 COS P186-K

92 COS P186-A

91 COS P186A-K

93 COS P186A-A



SCHUNK SE & Co. KG

Spanntechnik

Greiftechnik

Automatisierungstechnik

Bahnhofstr. 106 - 134

D-74348 Lauffen/Neckar

Tel. +49-7133-103-0

Fax +49-7133-103-2399

info@de.schunk.com

schunk.com

Folgen Sie uns | *Follow us*

