



Hand in hand for tomorrow



Product data sheet

Feed-through modules COS PG3

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



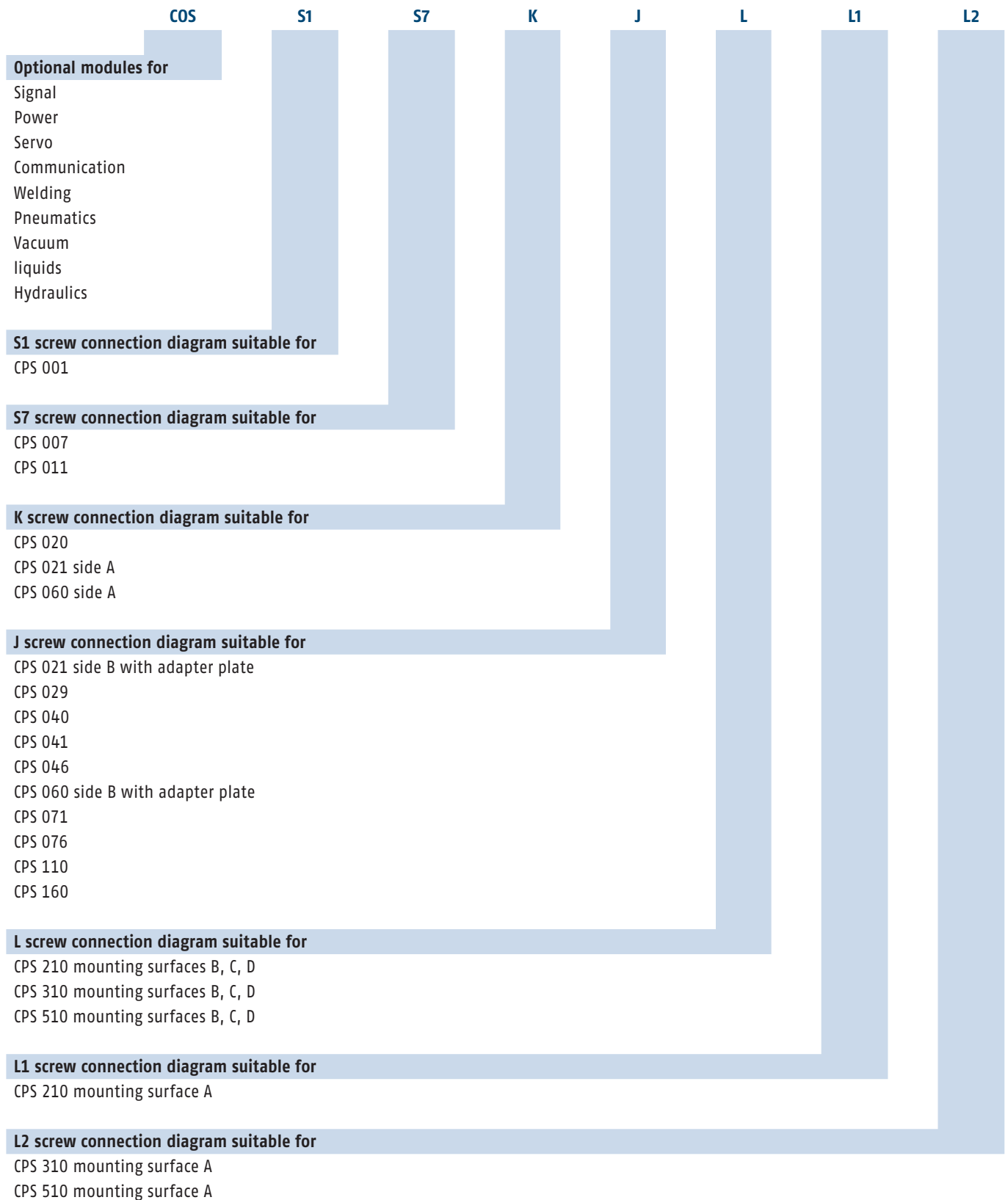
Manual change system



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 PG3

Feed-through modules

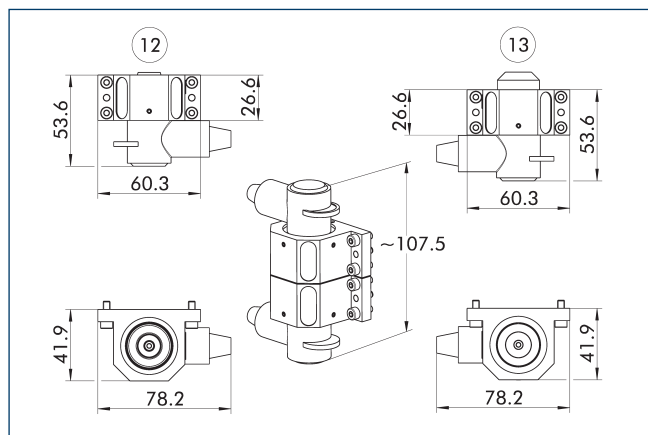


Technical data

Description		COS PG3-K	COS PG3-A
ID		1586923	1586922
Suitable on		Change head	Tool
Screw connection diagram		J/B	J/B
Transmission type		Welding	Welding
Weight	[kg]	0.18	0.2
Min./max. ambient temperature	[°C]	5/60	5/60
Protection class IP		IP40 (only in coupled status)	IP40 (only in coupled status)
Number of pin contacts		1	1
Nominal current	[A]	200	200
Alternating voltage	[V AC]	600	600
Direct voltage	[V DC]	600	600
Electrical connection		M8 for ring cable lug up to 35 mm²/AWG 2	M8 for ring cable lug up to 35 mm²/AWG 2
Outlet connection		axial	axial
Special properties		Suitable for grounding in welding applications.	Suitable for grounding in welding applications.

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

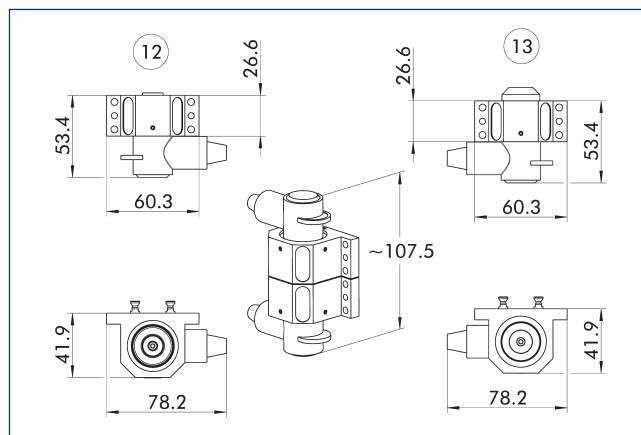
Combination COS PG3-K and COS PG3-A



⑫ Master side

⑬ Adapter side

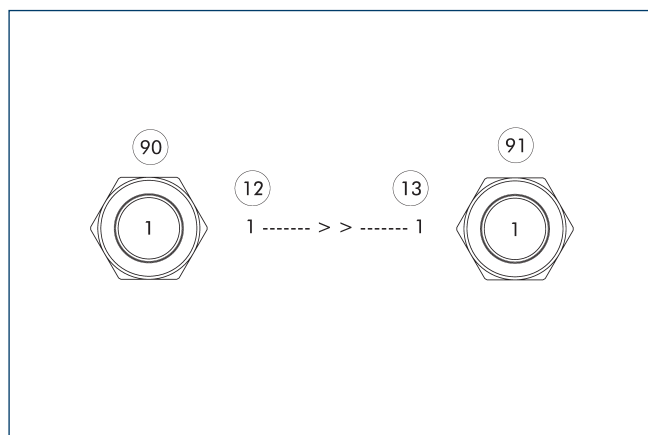
Combination COS PG3-K and COS PG3-A with bolt



⑫ Master side

⑬ Adapter side

Pin assignment for COS PG3-K with COS PG3-A



⑫ Master side

⑬ Adapter side

⑨⑩ M8 for ring cable lug up to 35 mm²/AWG 2

⑨⑪ M8 for ring cable lug up to 35 mm²/AWG 2



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