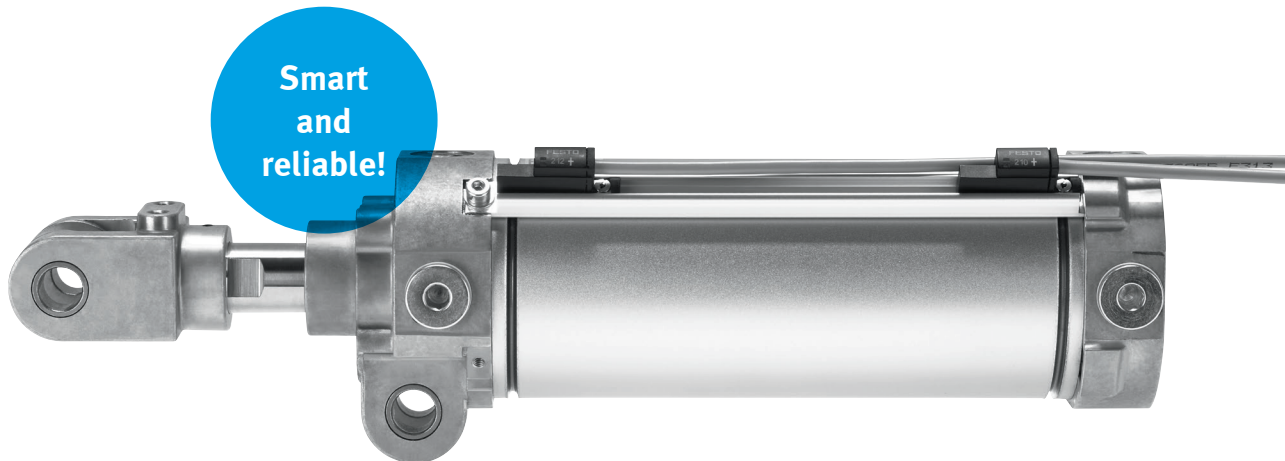


Hinge cylinders DFAW

FESTO



Smart
and
reliable!

Powerful clamping

Highlights

- Welding splash-proof sensor! Suitable for 50 HZ and 1000 HZ welding technology
- Fully adjusted sensor
- Integrated, self-adjusting end-position cushioning PPS
- Low-friction, sintered bronze bushes
- Integrated flow control for speed control

Get the weld exactly where it should be with the DFAW and proximity switch SDBT-BSW. The DFAW is used mainly in the automotive industry for clamping sheet metal parts during the welding process. Its self-adjusting end-position cushioning PPS ensures that clamping elements are placed gently on the clamping area, thus enabling exact reproducibility of processes. This makes commissioning especially quick and easy as there is no need for adjustment!

Technology for full performance

The speed can be regulated precisely and conveniently via the integrated throttle valves that are adjustable on both sides. The low friction, sintered bronze bushes on the rod clevis and the hinge bearing cap prevent jamming and thus ensure reliable processes. The metal scraper protects the piston rod seal against welding spatter.

Integrated sensor for position sensing

The new, welding splash-proof proximity switch SDBT-BSW is

also available as an accessory.

Welding splash proof for 50 and 1000 Hz welding technology. It is already mounted and adjusted on the sensor rail, which can be installed quickly in 3 positions. Just screw it on and it's ready to go!

Simplicity meets maximum functionality!

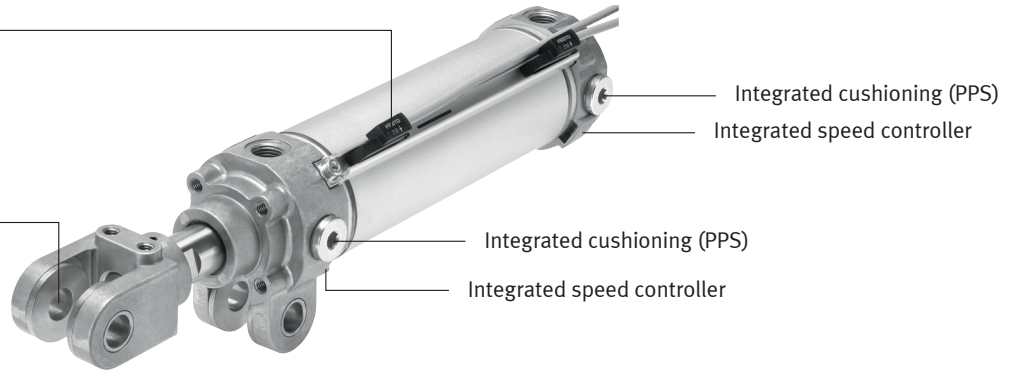
The result: the simple design saves time during selection and assembly. And it can be combined with the DFAW for excellent welding splash-proof technology that functions well even in harsh environments.

Hinge cylinders DFAW

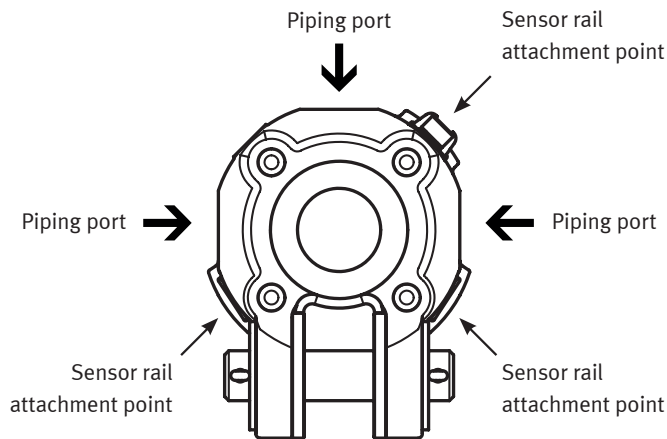
Technical design

Sensor rail as accessory incl. mounted and adjusted sensors

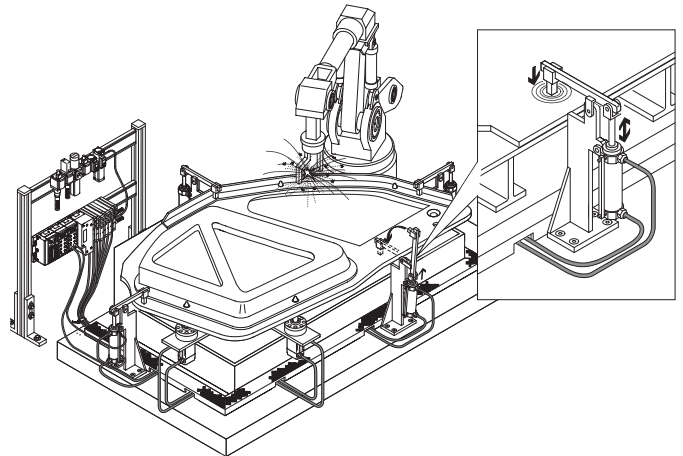
Clevis Adapter: Adapted to the different clevis measurement. Final clevis measurements Hinge Clamp $\varnothing 50$ and 63 : 16.5, (18.5)* and 19.5



Variable supply ports



Application in the automotive industry



The welding splash-proof sensor SDBT-BSW is suitable for 50 Hz and 1000 Hz welding technology

General technical data

Piston \varnothing		50, 63		80	
Stroke [mm]	Standard	50, 75, 100, 125, 150			
	Variable	10...200			
Clevis width [mm]	Bearing cap	16,5	16,5	19,5	28
	Rod end		18,5		
Type of Mounting	Via swivel mounting on the bearing cap				
	Via accessories				
Speed control	Integrated flow control at both ends				
Cushioning	Pneumatic self regulating cushioning at both ends (PPS)				
Note on Materials	LABS-Free				
	RoHS conformity				