

# Modular Cylinder Sensor System SMT-10M

**FESTO**

100 %  
functionality!



## Universal and reliable!

### Highlights

- Universal standard solution
- Securely retained in the slot
- For self-assembly

It always works and you can always rely on the modular cylinder switch system SMT-10M in combination with Festo drives – they are perfectly matched and are also reliable and easy to install. The standard energy chain and robot installation ensure excellent cable quality and guarantee greater system availability as well as increased flexibility.

### Totally secure

The sturdy central fastener guarantees that the switches are securely retained in the slot. Vibration, shock or tensile forces on the cable will not cause the switch to come loose or cause switching errors.

All switches are always provided with a cable quality that is suitable for energy chains and robots. This enables maximum reliability and process safety.

### Systematically more economical

Fully compatible with all Festo drives with C-slot.

Maximum application variety thanks to freely configurable cable length and connection technology.

# Modular Cylinder Sensor System SMT-10M

## Benefits

### Reliable

It is installed from above using the central fastener with a standard hex socket (1.5 mm). By firmly screwing it in the slot, it is held securely in place, even with vibration and tensile load.

### Sturdy

The sturdy cable connection supports tensile forces up to 40 N.

### Operating voltage range

5 ... 30 V DC enables direct integration into the output signal in TTL circuits.

### Cable quality

The standard configuration is suitable for energy chains and robot applications, providing excellent cable quality without the need for a special order via the modular system, thus avoiding extra costs.



## Technical data

Switching output	3-wire PNP N/O contact 3-wire NPN N/O contact 2-wire N/O contact
Operating voltage	24 V DC
Line quality	Energy chain + robot
Cable length	0.1 m ... 30 m (0.1 ... 5.0 m in 0.1 m increments, 5.0 ... 30 m in 0.5 m increments)
Connection technology	M8 rotatable thread M8 snap-on flange M12 Open end
Cable sheath	PUR
Cable characteristics (energy chain and robot)	Very good oil resistance, very good bending properties, suitable for energy chains, free of halogen
SMT contactless	Short circuit protection, reverse polarity protection, overload protection
Degree of protection	IP65, IP68
Repeat accuracy	0.2 mm
Accessories	Holder for inscription label and cable clip for securely fitting the cable in the slot (included in the scope of delivery)