

Switch Mounting Arrangements

Overview of switching system

- 1 Switch (magnetic field sensor)
- 2 T-slot for switch
- 3 Cable

The switch activator is a magnet integrated in the thrust rod.

**⚠ For short-stroke applications:
Consider the length of the switch!**

Magnetic field sensors with potted cables can be used in the Feed Module.

Type

- Hall sensor (PNP NC) or
- Reed sensor (changeover)

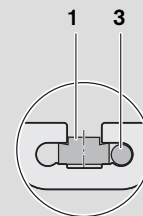
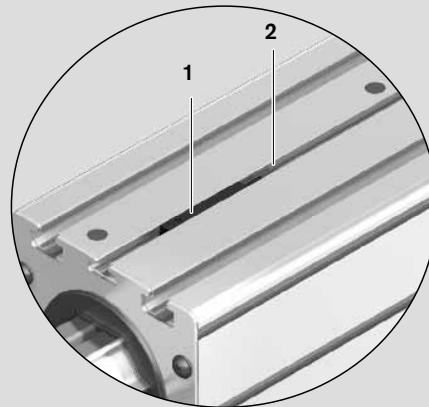
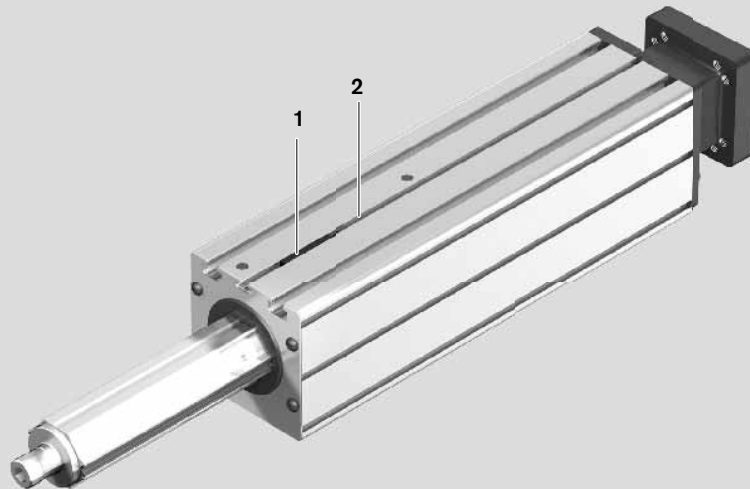
Mounting instructions

The magnetic field sensors (MFS) are pushed into the T-slot and fixed with set screws.

The MFS cables are routed along the side of the T-slot (3).

For details regarding the switching position, see mounting instructions.

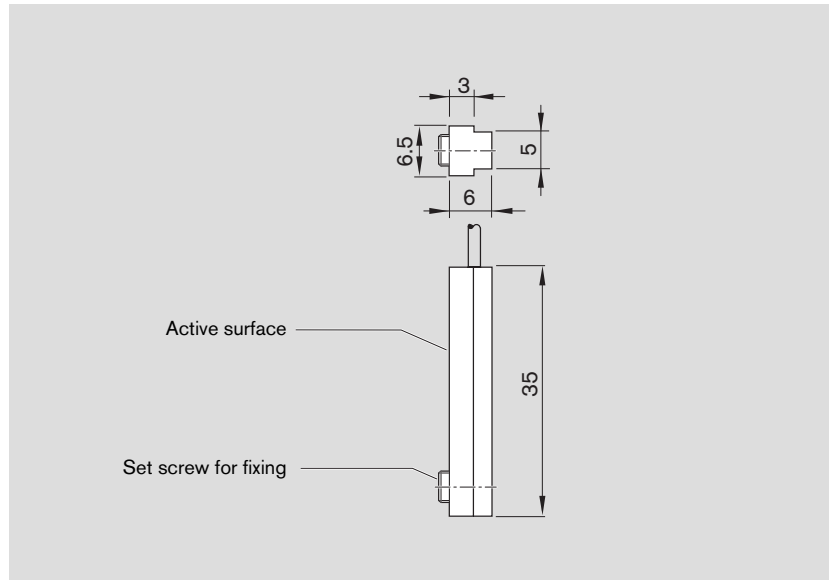
Switching system



Switch Mounting Arrangements

Switch

Magnetic field sensor with potted cable



Technical data

Hall sensor	
Contact type	PNP NC
Operating voltage	3.8–30 V DC
Current consumption	max. 10 mA
Output current	max. 20 mA
Cable length	2 m (10 m on request)
Protection class	IP 66
Short-circuit protection	No
Max. travel speed	2 m/s
Part number	R3476 019 03

Reed sensor	
Contact type	Changeover
Switching voltage	max. 100 V DC
Switching current	max. 0.5 mA
Cable length	2 m (10 m on request)
Protection class	IP 66
Max. travel speed	2 m/s
Switching points	2
Part number	R3476 018 03

Pin assignment

