

Fork sensors

The main feature of our fork sensors is their reliability with utmost accuracy. Even very small objects are reliably detected. High switching frequencies enable the detection of moving objects. All versions have a plug connection and use visible red light.

Metal versions:

- Simple and robust design
- Reversible N.O./N.C.
- 3-pin connection

Plastic fork sensors:

- With NPN or PNP, 3- or 4-pin connections
- Dynamic teach-in
- Setting to moving objects is possible
- Output signal LEDs visible from all sides
- Numerous mounting possibilities (e.g. dovetail)



Metal version



Plastic version

Fork width	Metal version	Switching frequency	Plastic version	Switching frequency
5 mm	FGL 5 R-PSM3	3000 Hz		
10 mm	FGL 10 R-PSM3	3000 Hz		
20 mm	FGL 20 R-PSM3	1500 Hz		
30 mm	FGL 30 R-PSM3	1500 Hz	FGL 30-RK-30	2000 Hz
50 mm	FGL 50 R-PSM3	1500 Hz	FGL 50-RK-50	2000 Hz
80 mm	FGL 80 R-PSM3	1500 Hz	FGL 80-RK-50	2000 Hz
120 mm	FGL 120 R-PSM3	1500 Hz	FGL 120-RK-50	2000 Hz
180 mm	FGL 180 R-PSM3	1500 Hz		
220 mm	FGL 220 R-PSM3	1500 Hz		