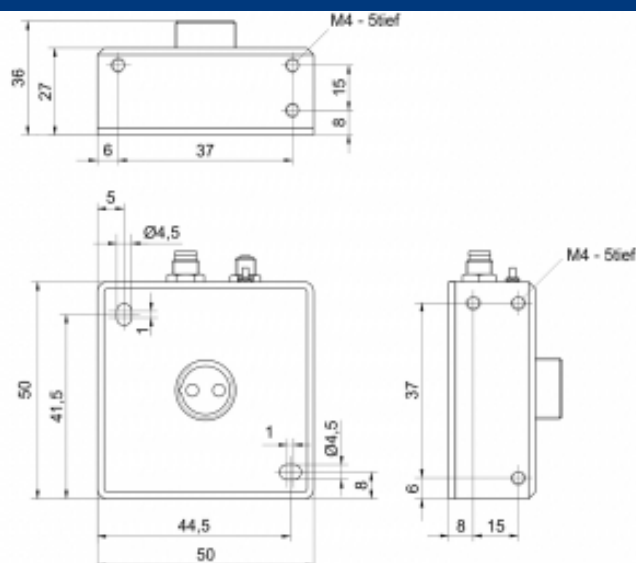


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Product Description

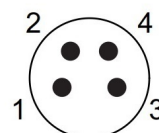
color sensor



Name	SPECTRO-3-FIO-SL
Order number	08386009812
Switch type	 digital
Signal Type	PNP/NPN
Illuminant	 White light
Connection	connector M8
Polschema	

SPS

Stecker M8, 4 pol.



1 bn +Ub (+24V DC ±10%)

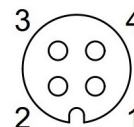
2 wh OUT 0

3 bu GND (0V)

4 bk OUT 1

PC

Binder 707, 4 pol.



1 +24V DC

2 GND (0V)

3 RxD

4 TxD

Dimension (in mm)	Q 50 x 27 (+9) x 50
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Technical Specification

transmitted light operation)

Special features	Dimensions of fiber optics available (reflected light)
Operating voltage	24V or 26,40 VDC
Max. load current	100 mA
No load current	< 160 mA
Switching frequency	60 kHz
Temperature drift	< 0,01 % / °C
Repeat accuracy	+/- 1 Digit in the x, y color range at 12 bit
Switching state	LED
Digital output	, OUT 0 and OUT 1, digital (0V/+Ub), 100 mA max. switching current npn, pnp-output available (bright-, dark-switching can be switched over)
Natural extraneous light	5000 Lux in AC-mode
Artificial extraneous light	5000 Lux in AC-mode
Material of light outlet	Glas
Impulse delay	einstellbar/ adjustable 0 ms ... 100 ms
Amplifying adjustable	8 fach/ 8-fold
Tolerance limit adjustable	ja
Working range	from 1 to 500 mm
Short-circuit proof	yes
Overload protection	yes
Reverse voltage protection	yes
Protection category	IP64
EMC-level	DIN EN 60947-5-2
Housing material	Aluminum
Termination	connection to PLC: plug M8, 4 pole, connection to PC: 4-pole fem. connector (Binder Series 707)

Errors and omissions excepted