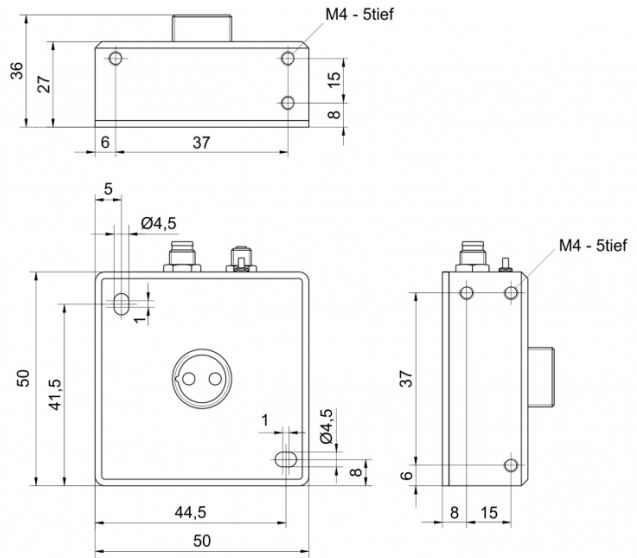


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Product Description

color sensor



Name
Order number
Switch type

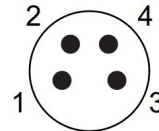
SPECTRO-3-FIO-SL
08386009812

Signal Type
Illuminant
Connection
Polschema

 digital
PNP/NPN
 White light
connector M8

SPS

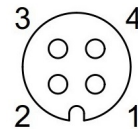
Stecker M8, 4 pol.



- 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)
Technical Specification
Special features

Q 50 x 27 (+9) x 50

Signal type
Operating voltage
Max. load current
No load current
Switching frequency
Temperature drift

Big assortment of fiber optics available (reflected light or transmitted light operation)
Fibre-optic sensor
21,6 - 26,4 VDC
100 mA
< 160 mA
60 kHz
< 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 exceptet