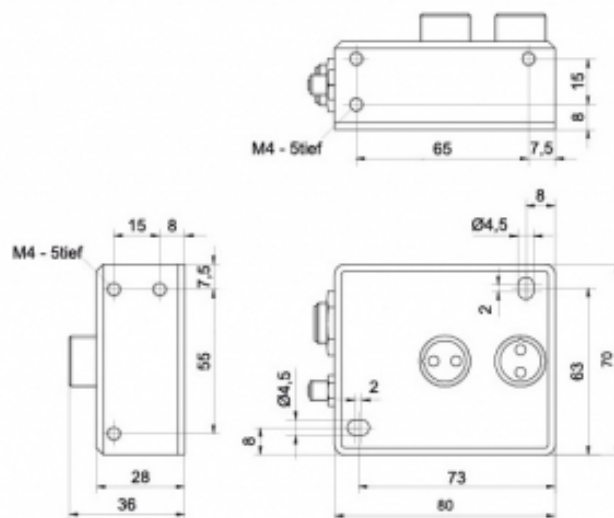


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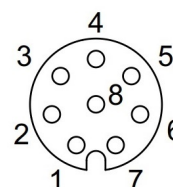
Product Description

color sensor



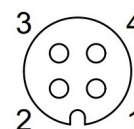
|              |                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------|
| Name         | SPECTRO-3-FIO-MSM-ANA                                                                             |
| Order number | 08386009510                                                                                       |
| Switch type  |  analog/digital |
| Illuminant   |  White light   |
| Connection   |  Socket        |
| Polschema    |                                                                                                   |

SPS  
Binder 712, 8 pol.



- 1 wh GND (0V)
- 2 bn +24V DC ( $\pm 10\%$ )
- 3 gn IN 0
- 4 ye OUT 0
- 5 gy OUT 1
- 6 pk OUT 2
- 7 bu OUT 3
- 8 rd OUT 4

PC  
Binder 707, 4 pol.



- 1 +24V DC
- 2 GND (0V)
- 3 RxD
- 4 TxD

|                   |                |
|-------------------|----------------|
| Dimension (in mm) | Q 70 x 36 x 80 |
|-------------------|----------------|

|                             |                                                                                                      |
|-----------------------------|------------------------------------------------------------------------------------------------------|
| Special features            | Big assortment of fiber optics available                                                             |
| Signal type                 | Fibre-optic sensor                                                                                   |
| Operating voltage           | 22,60 - 26,40 V DC                                                                                   |
| Max. load current           | 100 mA                                                                                               |
| No load current             | 160 mA                                                                                               |
| Temperature drift           | < 0,01 %/ °C                                                                                         |
| Repeat accuracy             | +/- 1 Digit in the X, Y color range at 12-bit A/D conversion                                         |
| Analog output               | Pulso_has1, OUT2, OUT3, OUT4 (Pin 6, 7, and 8): voltage output 0 ... +10V                            |
| Digital output              | OUT0, OUT1 (Pin 4 and 5): digital (0V/+24V), npn-/pnp-able (bright-/dark-switching, can be switched) |
| Natural extraneous light    | 5000 Lux in AC-mode                                                                                  |
| Artificial extraneous light | 5000 Lux in AC-mode                                                                                  |
| Amplifying adjustable       | 8 fach/ 8-fold                                                                                       |
| Working range               | from 1 to 500 mm                                                                                     |
| 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 m12, 8 pole, connection to PC: 4-pole fem. connector (Binder Series 707)     |

**Errors and omissions excepted**