

SPECTRO Series

► SPECTRO-3-28-45°/0°-MSM-DIG-VISUV

- **Color measurement** (color, contrast, and gray scale detection)
- Object distance (measuring range) 28 mm ± 2 mm
- Color control to 45°/0° method (45° transmitter arrangement, 0° receiver arrangement)
- L*a*b*, L*C*h*, L*u*v*, L*u'v' and x,y,z function (CIE standard)
- Up to 31 colors (max. 18 in 1 read mode) can be stored
- 12x warm-white LED incl. interference filter, 4x UV LED and 8x blue-light LED (D65 similar LED light), AC-, DC-operation or OFF for luminous objects can be switched
- Insensitive to outside light (in AC-operation)
- Scan frequency max. 35 kHz (in DC- and OFF-operation)
- Switching frequency typ. 60 kHz
- 5 digital outputs to output taught colors
- TEACH via PC or external input
- Various evaluation algorithms can be activated
- "BEST HIT" mode ("human color assessment")
- Averaging can be activated (from 1 up to over 32000 values)
- Parameterizable via Windows® software, scope function
- RS232 interface (USB or Ethernet adapter is available)
- Temperature compensated
- 3-color filter detector (true color detector: "human color perception")



Design

Product name:

SPECTRO-3-28-45°/0°-MSM-DIG-VISUV

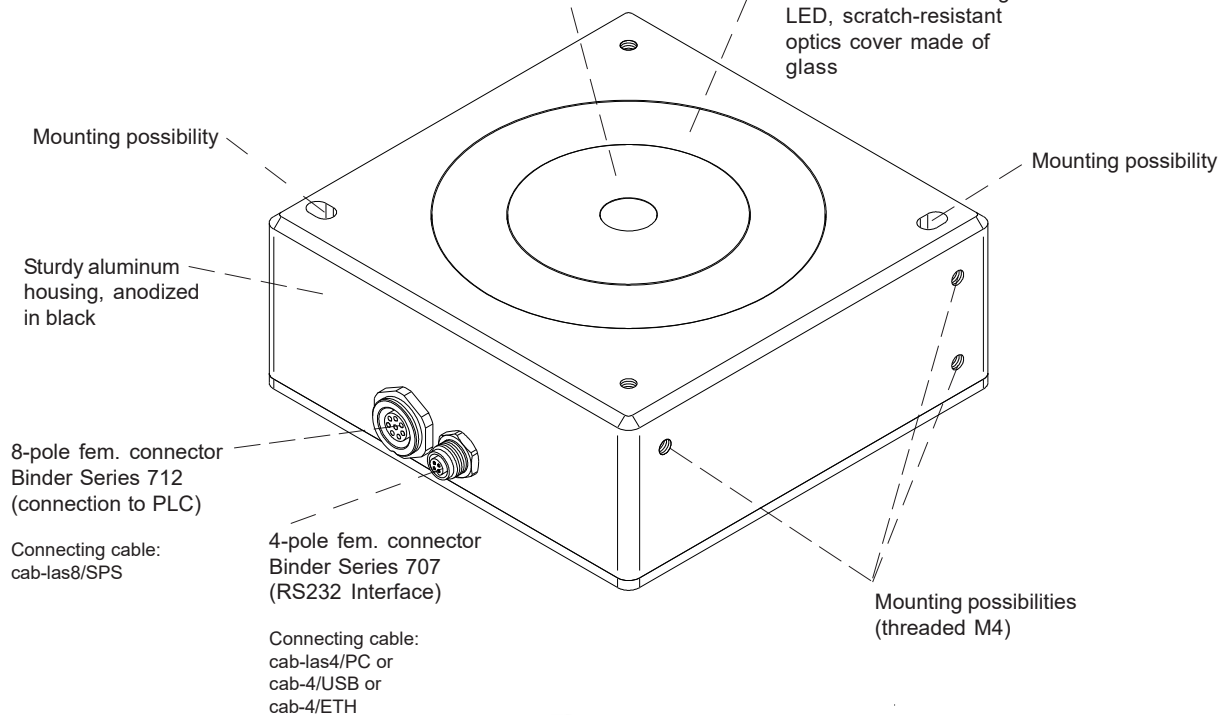
(incl. Windows® PC software
SPECTRO3-MSM-DIG-Scope)

Receiver optics with 3-color filter detector (True Color), scratch-resistant optics cover made of glass

Transmitter optics with 12 warm-white LED incl. interference filter, 4 UV LED and 8 blue light LED, scratch-resistant optics cover made of glass

Accessories: (p. 8-9)

SPECTRO-3-28-45°/0°-OFL
SPECTRO-3-28-45°/0°-OFL-D30
(Spacer)



Sensor
Instruments