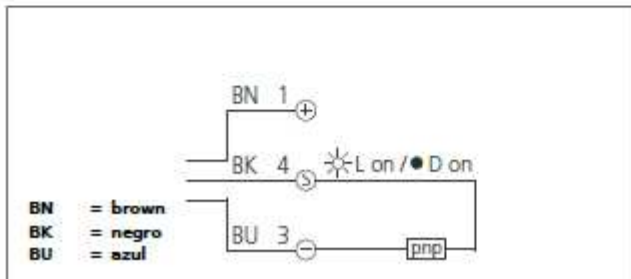


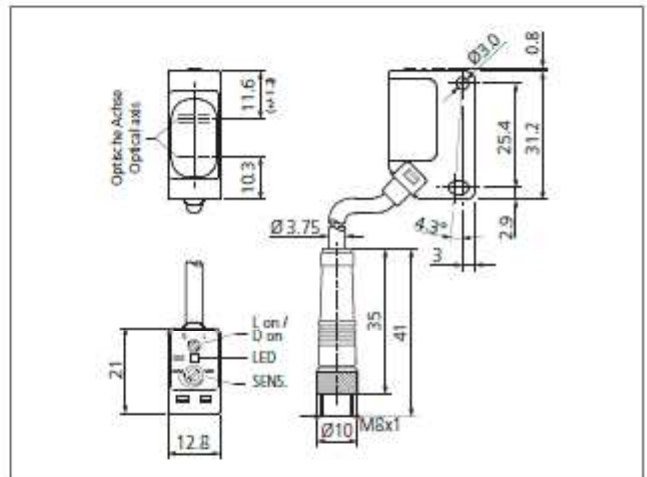
Diffuse Sensor with Background Suppression

- Mechanical background suppression
- Compact design
- Red light clocked
- Sensitivity adjustable
- Light/dark switching switchable
- Standardized hole spacing 25.4 mm



Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.
 These instruments shall exclusively be used by qualified personnel.
 Repair only by di-sonic.



TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Evaluation	digital
Size	31.2 x 21 x 12.8 (Dimensions)
Design	cuboid design
Emitted light	Red, 630 nm, clocked
Standardized measuring plate	200 x 200 mm, white
Service voltage	10 ... 30 V DC
Internal power consumption	< 30 mA
background suppression	yes
Sensitivity adjustment	potentiometer
Operating distance	30 ... 200 mm adjustable
Switching output	pnp, 100 mA, NO/NC, switchable
Switching hysteresis	< 10 %
Voltage drop	< 2,0 V
Operating frequency	1.000 Hz
Response-/release time	< 0,5 ms / < 0,5 ms
Ambient temperature	-25 ... +70 °C
Temperature drift	0.2 mm/K
Ambient light immunity	3.000 Lux, Halogen light, 10.000 Lux, Sunlight
Protection class	IP 67
Casing material	plastics (polyamide - PA 6.6)
Material	polymethyl methacrylate (Window)
Connection	Cable, Connector, M8, 3-poled, 200 mm