

DLM80R

MINI-THROUGH BEAM SENSOR
with separate amplifier

- ➔ extra high sensing distance
- ➔ very high resolution
- ➔ beam angle < 1°
- ➔ visible red light
- ➔ glass optics



DLM80R

- M8 x 0,75 x 18 mm
- nickel-plated brass
- for screw-in fixture



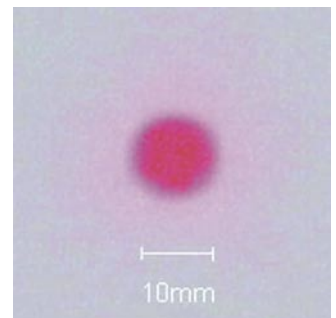
GENERAL TECHNICAL DATA

light type	red 645nm
connection type	2 x 2m PUR cable with connector
temperature range	-10°C...+55°C
protection class	IP65

SENSING DISTANCE and SMALLEST OBJECT

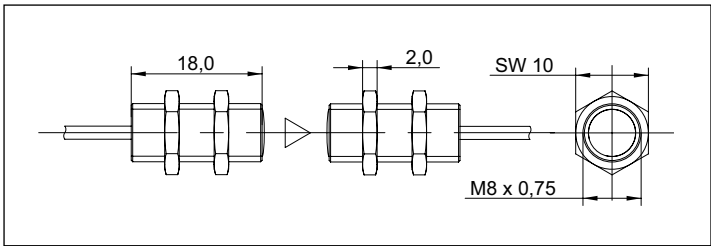
nominal sensing distance	4000 mm
smallest object (Ø copper wire)*	Ø 0,3 mm

*copper wire, obtained at optimum distance and sensitivity setting on the amplifier



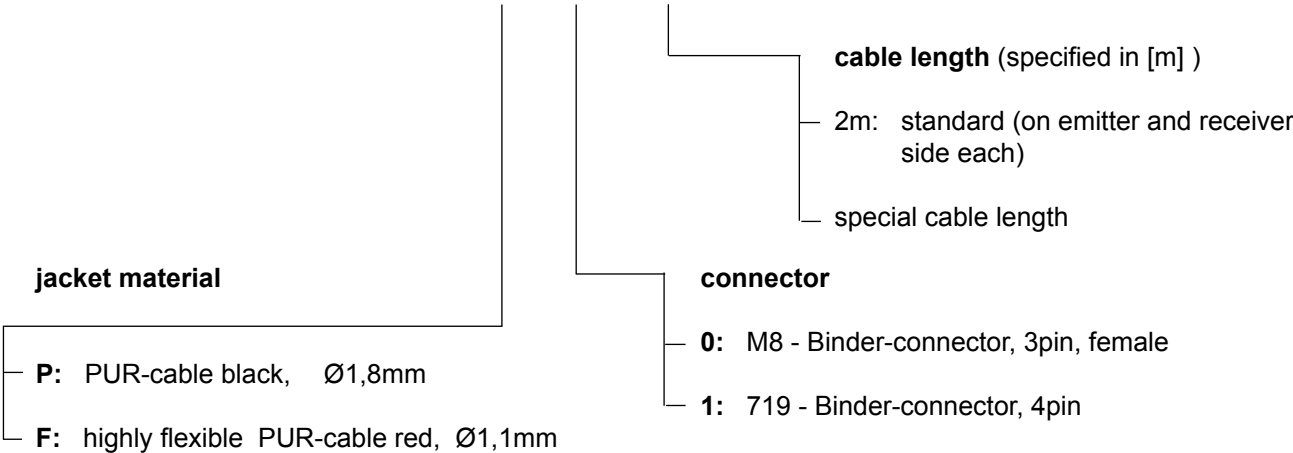
beam spot at 100mm distance

DIMENSION



PART DESIGNATION

DLM80R - - :



ORDER EXAMPLE:

DLM80R-P-0:2m = DLM80R - PUR-cable black - M8, 3pin female: cable length 2 x 2m

Please remember, for correct operation, a separate amplifier is required.