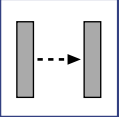




DKM60R



- ▶ **Extremely small sized housing**
- ▶ **very high resolution**
- ▶ **parallel beam for precision measurements (beam divergence 2 mrad)**
- ▶ **easy to mount**



**MINI LASER THROUGH BEAM SENSOR
for separate amplifier**

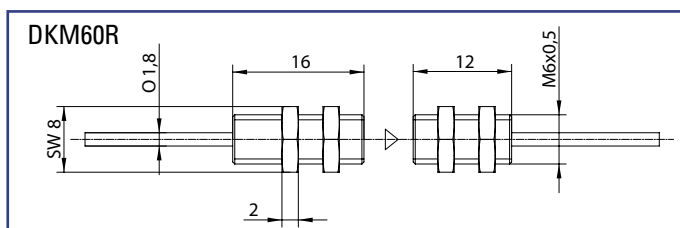
PiCO • SPOT®

▶ **TECHNICAL DATA**

| MODEL | DKM60R |
|-----------------------|--------------------------|
| Light type | Laser red 670nm |
| Operating temperature | -10°C to +55°C |
| Protection class | IP65 |
| Sensing distance | ≥ 4m |
| Smallest object* | ≤ 0,05mm |
| Connection | PUR-cable with connector |
| Dimensions | M6 x 0,5mm x 16mm |
| Housing material | nickel-plated-brass |
| Mounting | for screw-in fixture |

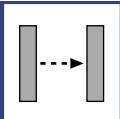
* Ø copper wire of infinite length. Depending on adjustment and sensing distance (see graphs).

▶ **DIMENSIONS** Measurements in mm. Subject to technical change.



**LASER RADIATION - DO NOT
STARE INTO BEAM**

EN 60825-1:2007
P<1mW, λ = 630..670nm
pulsed-mode operation
Class 1 laser product



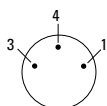
DKM60R



► **PIN CONNECTION**

option - 0: M8, 3pin (standard)

- 3 + receiver (green)
- 4 GND/shielding (white, black)
- 1 + emitter (red)



connector side

| | | | |
|-------------------------|--|--|---|
| PART DESIGNATION | <p>jacket material</p> <ul style="list-style-type: none"> P: PUR-cable black ø 1,8mm F: highly flexible PUR-cable red ø 1,1mm | <p>connector</p> <ul style="list-style-type: none"> 0: M8 - connector 3pin special model available on request | <p>cable length (specification in [m])</p> <ul style="list-style-type: none"> standard length 2m special cable length available on request |
| | <p>Model - <input type="text"/> - <input type="text"/> : <input type="text"/></p> | <p>ORDER EXAMPLE</p> <p>DKM60R - P - 0 : 2m = DKM60 red light - PUR-cable black - M8, 3pin female : cable length 2m x 2</p> <p>Please note, for correct operation, a separate amplifier is required.</p> | |