

DGE/01-0B

cylindrical photosensors

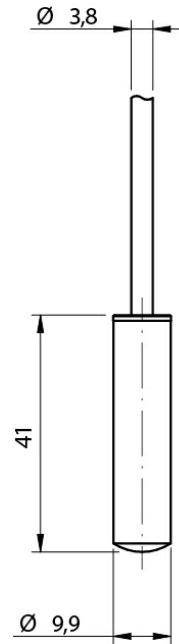


Micro Detectors

Italian Sensors Technology



Indicative image



Detection properties

| | |
|--------------------------|---------------|
| Nominal sensing distance | 75m |
| Beam angle | $\pm 5^\circ$ |

Application

| | |
|--------------------|---------|
| Function Principle | Emitter |
|--------------------|---------|

Electrical data

| | |
|--------------------------------|----------------------|
| Operating Voltage | from UR control unit |
| Emission | Infrared |
| Interference to external light | 20000 lux |

Mechanical data

| | |
|-----------------------|--|
| Dimensions | $\varnothing 10\text{mm} \times 41\text{mm}$ |
| Housing Material | PC / ABS cable exit |
| Connections | 10m PVC cable |
| Active Head Material | Polycarbonate |
| Operating temperature | $-20^\circ\text{C} \dots +60^\circ\text{C}$ |
| Diameter/Dimension | $\varnothing 10\text{mm}$ |

Test/Approvals

Approvals

CE

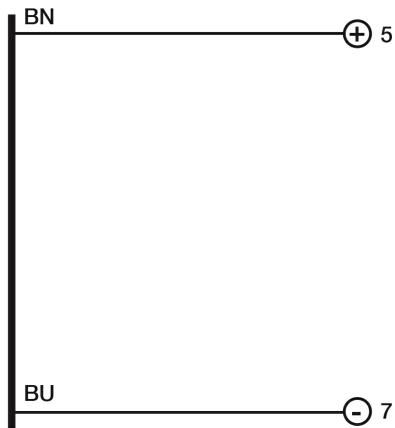
EMC compatibility

Conforming with EMC directive according with EN60947-5-2

Degree of protection

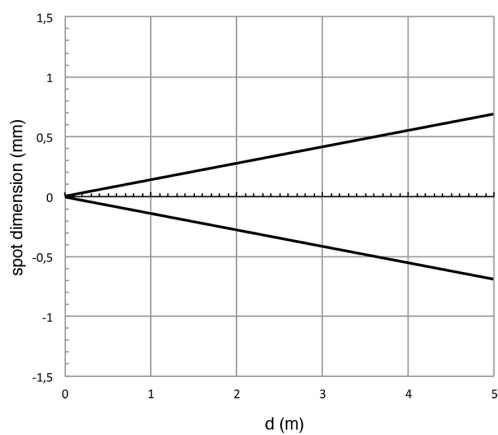
IP67

ELECTRICAL DIAGRAMS OF THE CONNECTIONS

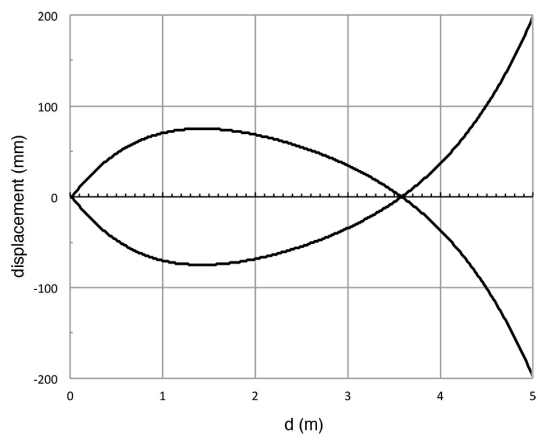


RESPONSE CURVES

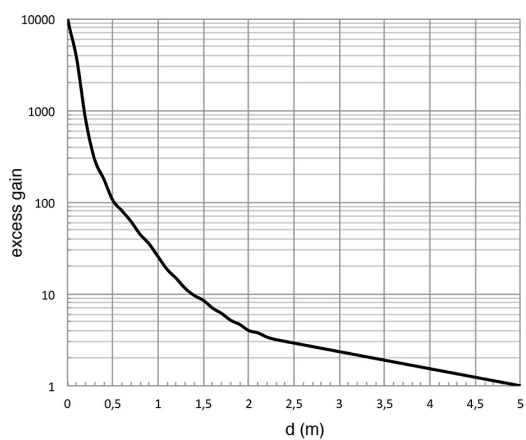
Dimensione Spot



Disassamento Parallelo



Eccesso di Guadagno



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