

DG

DGE/11-3DEA

Photo.d10,IR emiss.,Cable,Emitter

Ø 10 MM MINIATURIZED THROUGH-BEAM SENSORS

OVERVIEW

- Ø 10 mm plastic housing 41 mm length
- Ø 13 mm hole irreversibile spring latch fixing
- LED status indicator receiver only
- Complete protection against electrical damages
- IP67 protection degree
- Nominal sensing distance (Sn): 2 m ExG. = 4
- Supply voltage 15...37 Vdc (10...30 Vdc for EA version)
- Approvals: CE

CE

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	2m
Thermal drift of Sr	≤10%Sr
Sensitivity adjustment	No

Application

Function Principle	Emitter

Notes	(EG=4)
Emitter/Receiver	Emitter
Optic position	Axial

Outputs

Output type	

Electrical data

Operating Voltage	10…30VDC
No-Load supply current	≤ 10mA
Max ripple content	≤10%
LED indicators	Yellow (Supply)
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Emission	LED Infrared (880nm)
Impulsive Overvoltage Protection	Yes

Mechanical data

Dimensions	M10x1/L=41mm
Housing material	PC housing / POM fixing ring / ABS cable exit
Weight	210g

Connections	7m PVC cable
Active Head Material	PC
Operating temperature	- 25°C…+ 70° C (without freeze)
Diameter/Dimension	Ø 10mm

Test/Approvals

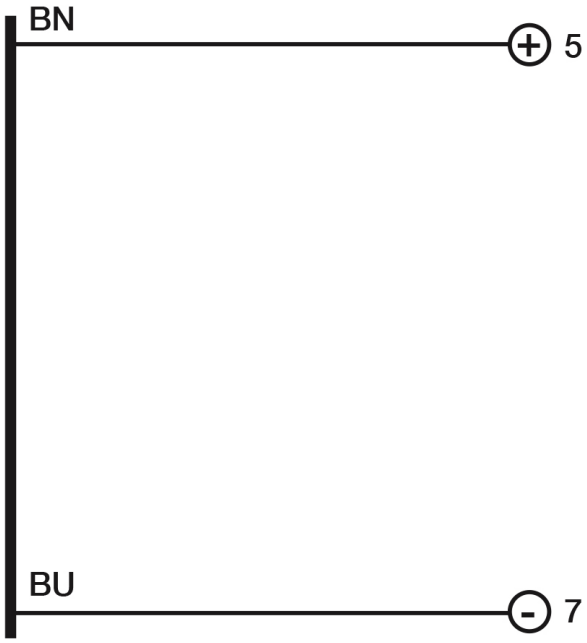
Approvals	CE
EMC compatibility	EN 60947-5-3
Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
Degree of protection	IP67

Generical Data

Dimensions	M10x1/L=41mm
Operating Temperature	- 25°C…+ 70°C (Without freeze)
Mechanical Protection	IP67

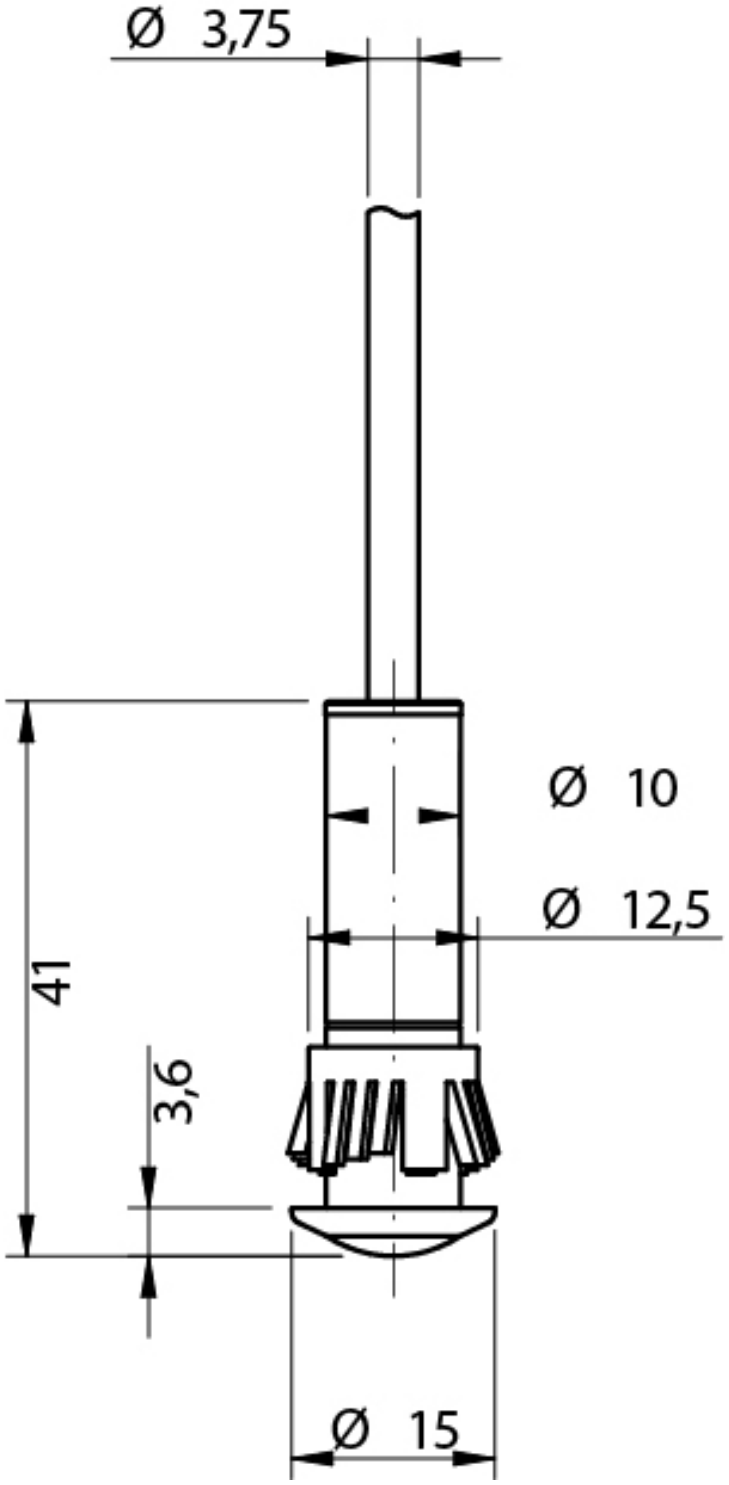
CONNECTIONS

Eletrical diagram

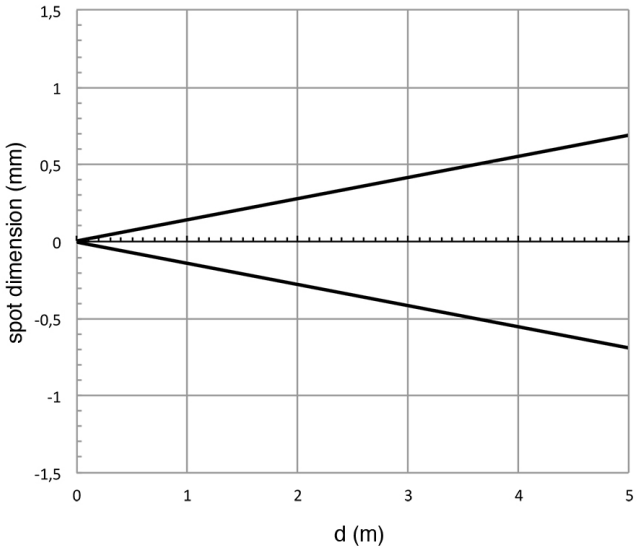


OTHERS

Dimensions



Response curves



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