



UR+DG

DGR/01-2C

Photo.M12,for UR ampli.,Cable,Receiver
CONTROL UNIT FOR MINIATURIZED SENSORS WITH
MINIATURE PHOTOELECTRIC SENSORS

OVERVIEW

- The unit allows the mounting of miniature pair of sensors suitable for very harsh environments (DG series)
- LED indicators: alignment (stability), operating voltage, alarm and output state
- Operating voltage AC or DC
- Relay output and relay alarm output
- Double timer with independent adjustments
- Sensitivity adjustment
- Possibility of mounting on panel
- IP68 photoelectric sensors for applications in harsh environment
- Sensing distance 60 m (HI), 30 m (LO)
- Approvals: CE



TECHNICAL FEATURES

Detection properties

Nominal sensing distance 75m

Beam angle $\pm 5^\circ$

Application

Function Principle Receiver

Optic position	Axial
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Electrical data

Operating Voltage	from UR control unit
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Emission	Infrared
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Interference to external light	20000 lux
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Mechanical data

Dimensions	M12 x 41mm
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Housing material	Stainless steel AISI 303
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Connections	15m PVC cable
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Active Head Material	Polycarbonate
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Operating temperature	-20°C ... +60°C
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Diameter/Dimension	M12
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Test/Approvals

Approvals	CE
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EMC compatibility	Conforming with EMC directive according with EN60947-5-2
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Degree of protection	IP67
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Generical Data

Dimensions	M12 x 41mm
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Operating Temperature

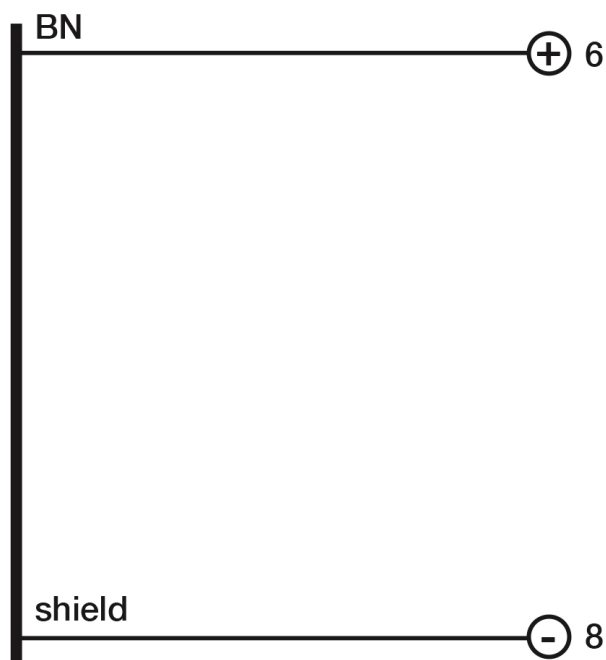
-20°C ... +60°C

Mechanical Protection

IP67

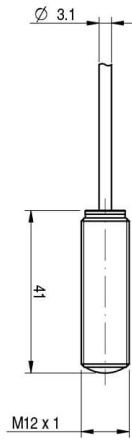
CONNECTIONS

Electrical diagram

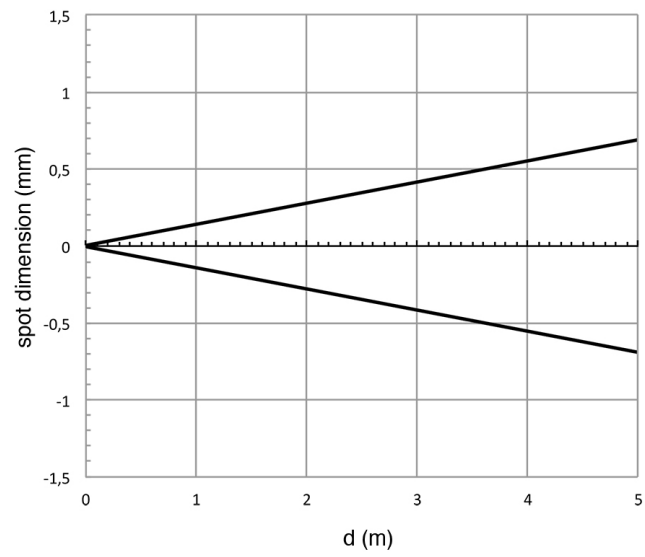


OTHERS

Dimensions



Response curves



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