



# UR+DG

## DGE/01-2C

**Photo.M12,IR emiss.,Cable,Emitter**  
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
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Beam angle	± 5°
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### Application

Function Principle	Emitter
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Optic position	Axial
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Electrical data

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

Mechanical data

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

Test/Approvals

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

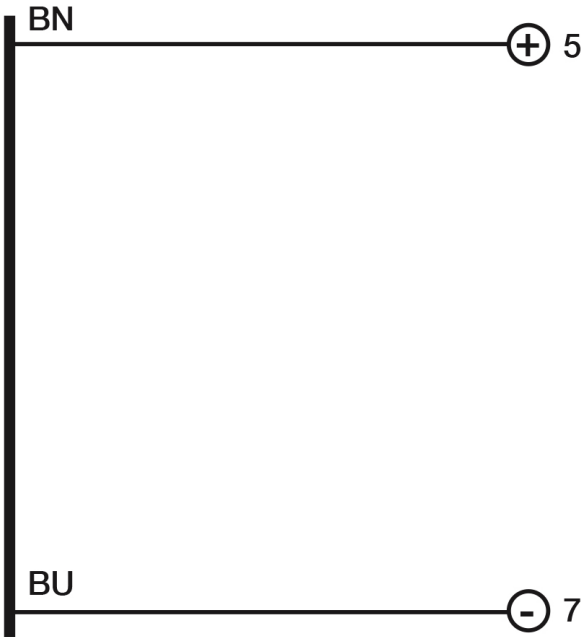
Generical Data

Dimensions	M12 x 41mm

Operating Temperature	-20°C ... +60°C
Mechanical Protection	IP67

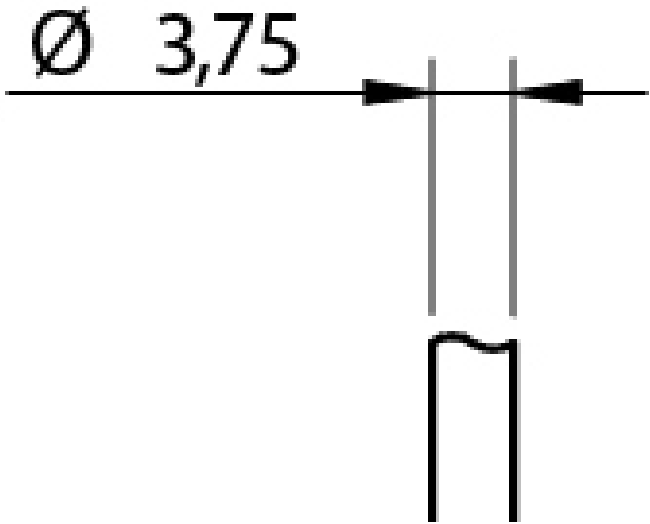
# CONNECTIONS

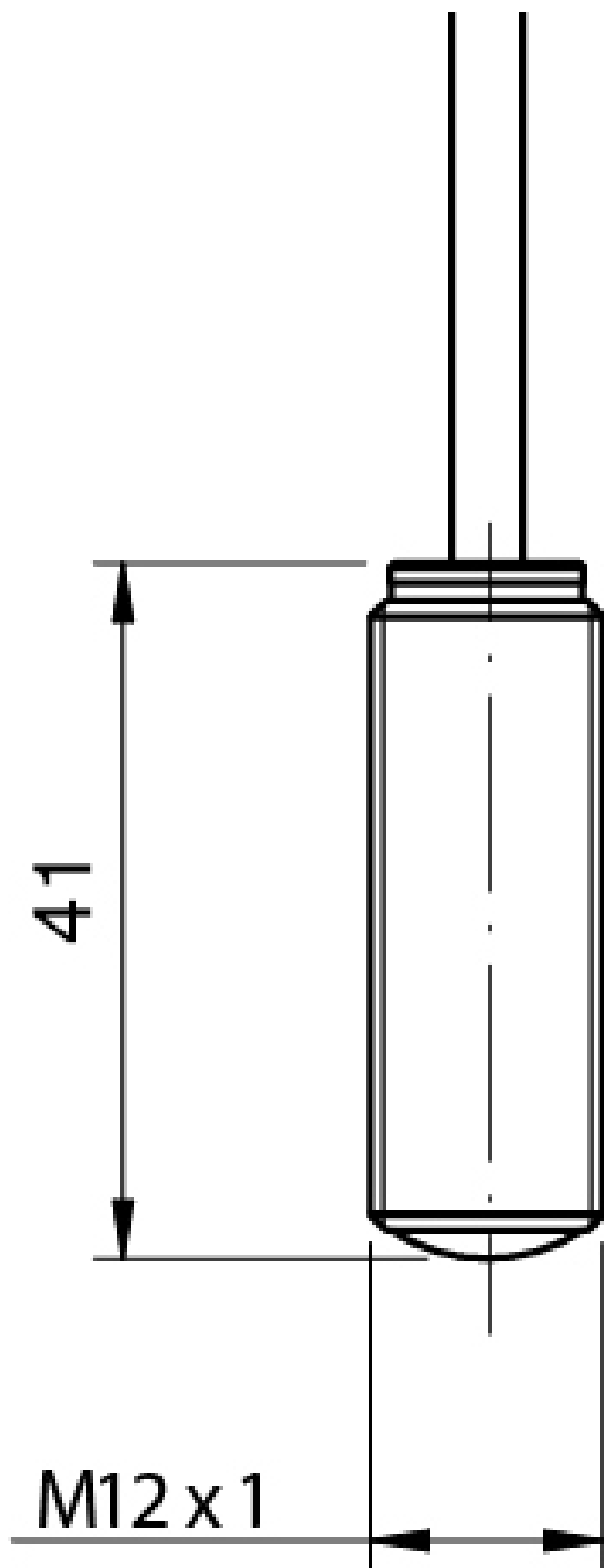
Eletrical diagram



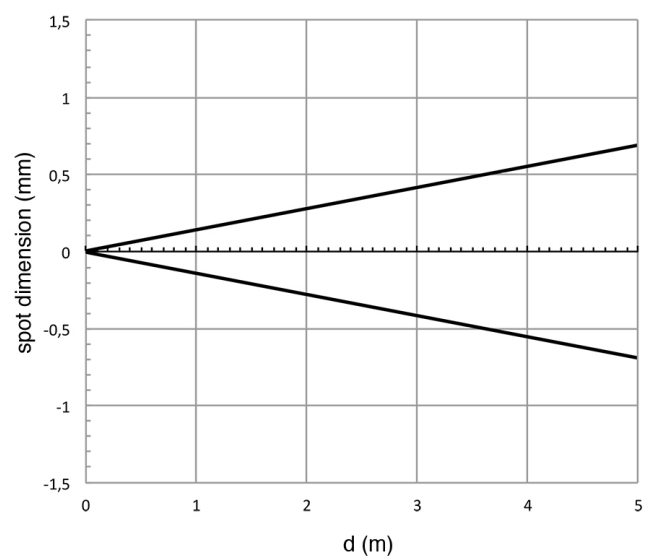
# OTHERS

Dimensions





Response curves



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