

# 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 mouting 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 indipendent 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

CE

# TECHNICAL FEATURES

Detection properties

| | |
|---|---|
| Nominal sensing distance | 75m |
| Beam angle | ± 5° |

Application

| | |
|---|---|
| Function Principle | Receiver |

| | |
|---|---|
| Optic position | Axial |

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 |

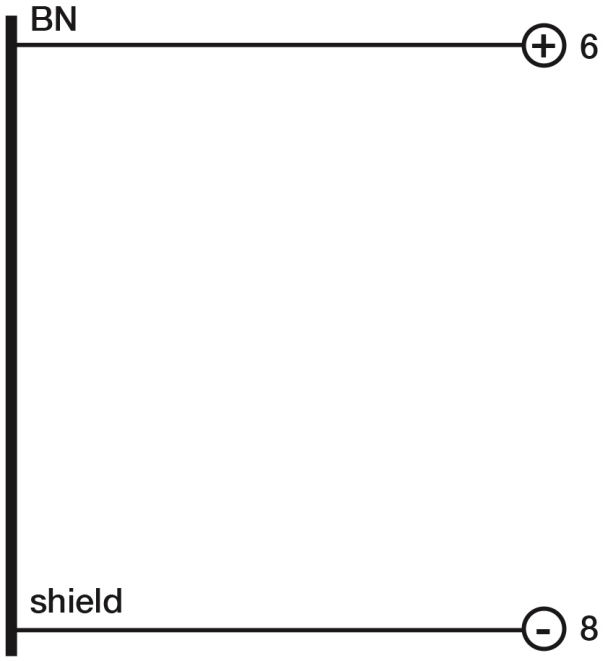
Generical Data

| | |
|---|---|
| Dimensions | M12 x 41mm |

| | |
|---|---|
| Operating Temperature | -20°C … +60°C |
| Mechanical Protection | IP67 |

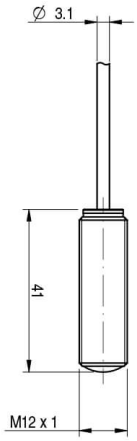
# CONNECTIONS

Eletrical diagram

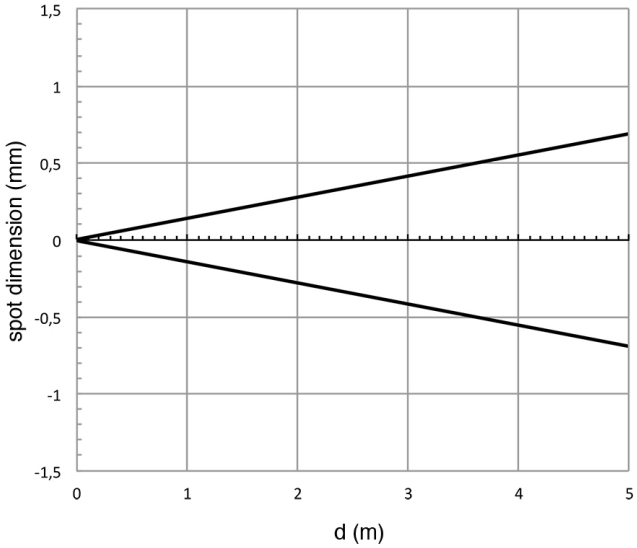



# OTHERS

Dimensions




Response curves




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