



DG

DGR/LP-3DEA

Photo.d10,PNP-LO,Cable,Receiver

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	2m
Thermal drift of Sr	$\leq 10\%Sr$
Sensitivity adjustment	No

Application

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

Outputs

Output type	PNP Lon
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Output Function	Lon
Switching frequency	40Hz
Response time	1,25ms

Electrical data

Operating Voltage	10...30VDC
No-Load supply current	≤ 10mA
Load current	≤30mA
Leakage current	≤10μA
Output voltage drop	≤2V@Iload=30mA
Max ripple content	≤10%
LED indicators	Yellow (Output status)
Time delay before availability	≤ 100ms
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Interference to external light	20.000lux
Impulsive Overvoltage Protection	Yes

Mechanical data

Housing material	PC housing / POM fixing ring / ABS cable exit
Connections	7m PVC cable

Active Head Material

PC

Contacts material

PC housing / POM fixing ring / ABS cable exit

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

Generical Data

Dimensions

M10x1/L=41mm

Operating Temperature

- 25°C...+ 70°C (Without freeze)

Mechanical Protection

IP67

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