

Image:

H8

H8R/18T

Photo.M8,Cable,Receiver

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	80mm
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Sensitivity adjustment	No
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Application

Function Principle	Receiver
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Emitter/Receiver	Receiver
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Optic position	Axial
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Outputs

Output type	Open collector
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Switching frequency	50kHz
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Response time	10μs
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Electrical data

Operating Voltage	≤30VDC
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Load current	≤2,5mA
Output voltage drop	≤0,2V@Iload=0,5mA
Max ripple content	≤1%
Time delay before availability	≤200ms
Emission	LED Infrared (880nm)
Interference to external light	150lux (incandescent lamp)

Mechanical data

Housing material	Stainless Steel AISI 303
Connections	3,5m PVC cable
Active Head Material	PMMA
Diameter/Dimension	M8

Test/Approvals

Approvals	CE
EMC compatibility	EN 60947-5-2
Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27

Accessories

Supplied Accessories	nuts M8 x 0,75
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Generical Data

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Dimensions	M8x0,75/L=25mm
Operating Temperature	- 25°C...+ 70°C (Without freeze)
Mechanical Protection	IP67

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