

Image:

H8

H8E/18T

Photo.M8,IR emiss.,Cable,Emitter

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	80mm
--------------------------	------

Sensitivity adjustment	No
------------------------	----

Application

Function Principle	Emitter
--------------------	---------

Emitter/Receiver	Emitter
------------------	---------

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

Outputs

Output type

Electrical data

Operating Voltage	$\leq 5\text{VDC}$
-------------------	--------------------

No-Load supply current	$\leq 25\text{mA}$
------------------------	--------------------

Max ripple content	$\leq 1\%$
--------------------	------------

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
----------------------	----------------

Generical Data

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

**Datasensing
S.r.l.**

Strada S.Caterina, 235
41122 Modena (MO)
Tel. 059 420411
Fax 059 253973
E-mail
info@datasensing.com

**date of
printing**

10/08/2026
08:32:20