



FL

FLIR/DN-0C

Photo,8m,NPN-DO,Cable 90°,Receiver
“T-STYLE” HOUSING PHOTOELECTRIC SENSORS WITH
M18 OPTICAL HEAD FOR CAR WASHES

OVERVIEW



TECHNICAL FEATURES

Detection properties

Nominal sensing distance	8m
Sensitivity adjustment	No
Hysteresis	+/- 1%

Application

Function Principle	Receiver
Notes	(3m for car washes)

Outputs

Output type	NPN Don
Output Function	Don
Response time	<10 ms

Electrical data

Operating Voltage	19,2 ... 28,8VDC
Load current	≤30mA
LED indicators	Green (RUN) Yellow (status output) Red (problem with output)
Time delay before availability	≤200ms
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Impulsive Overvoltage Protection	Yes
Digital Resolution	12 bit

Mechanical data

Housing material	PBT + PC
Weight	571 g la coppia
Connections	5m PVC cable
Active Head Material	PC
Tightening torque	1Nm
Operating temperature	-20..60°C (without freeze)

Storage temperature	-30..90°C (without freeze)
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Test/Approvals

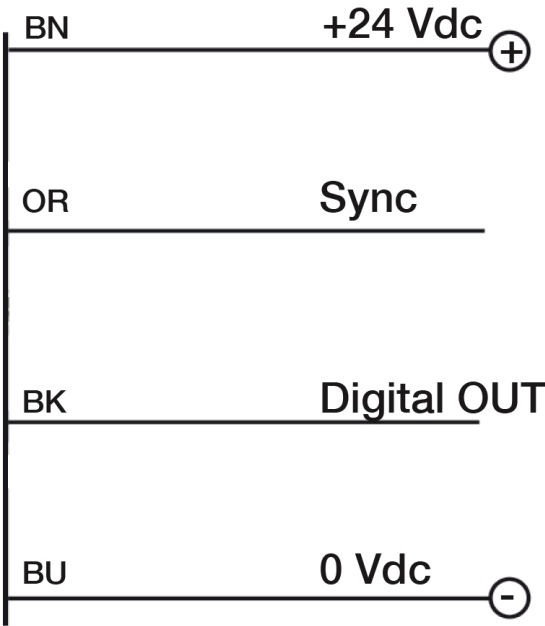
Approvals	CE
EMC compatibility	EN 60947-5-2
Degree of protection	IP67 (front-head IP69K)

Generical Data

Operating Temperature	- 20°C...+ 70°C (Without freeze)
Mechanical Protection	IP67 (front-head IP69K)

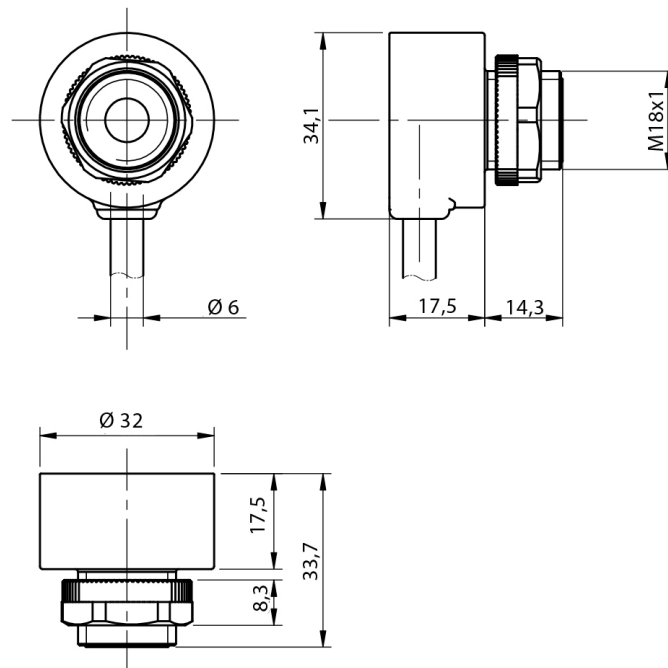
CONNECTIONS

Eletrical diagram

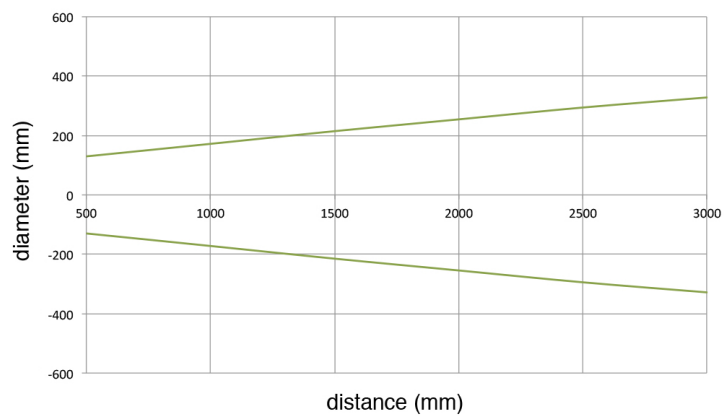


OTHERS

Dimensions



Response curves



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