



FL

FLID/LN-0C

Photo,30m,NPN-LO,Cable 90°,Receiver
“T-STYLE” HOUSING PHOTOELECTRIC SENSORS WITH
M18 OPTICAL HEAD FOR CAR WASHES

OVERVIEW



TECHNICAL FEATURES

Detection properties

Nominal sensing distance	30m
Sensitivity adjustment	No
Hysteresis	+/- 1%

Application

Function Principle	Receiver
Notes	(3m for car washes)
Emitter/Receiver	Receiver

Outputs

Output type	NPN Lon
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Output Function	Lon
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Response time	<12 ms
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Electrical data

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

Housing material	PBT + PC
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Weight	570 g (the pair)
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Connections	5m PVC cable
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Active Head Material	PC
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Tightening torque	1Nm
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Operating temperature	-20..60°C (without freeze)
Storage temperature	-30..90°C (without freeze)

Test/Approvals

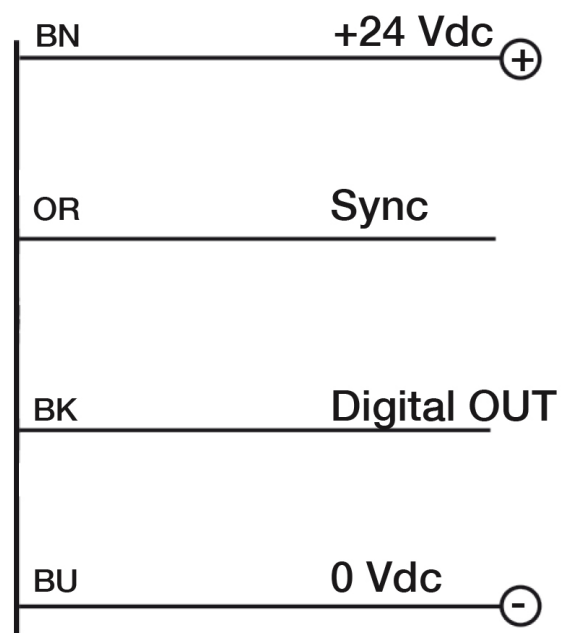
Approvals	CE
EMC compatibility	EN 60947-5-2
Degree of protection	IP67 (front-head IP69K)

Generical Data

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

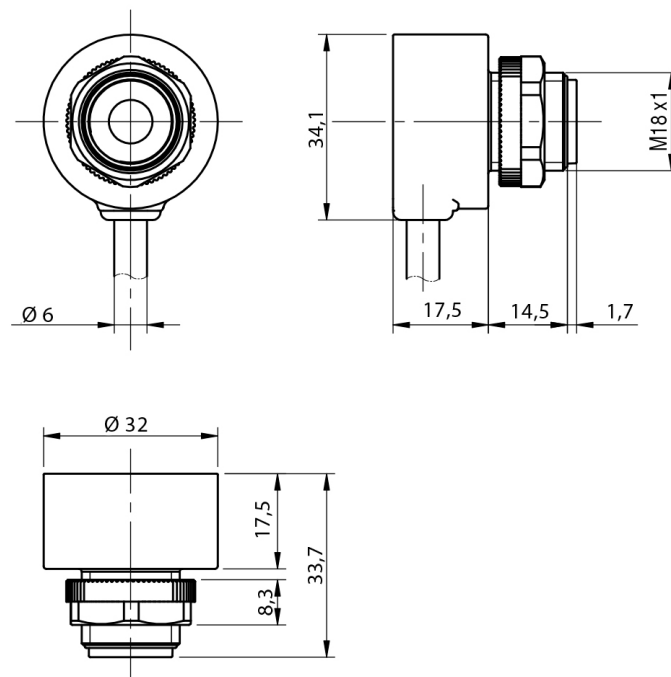
CONNECTIONS

Eletrical diagram

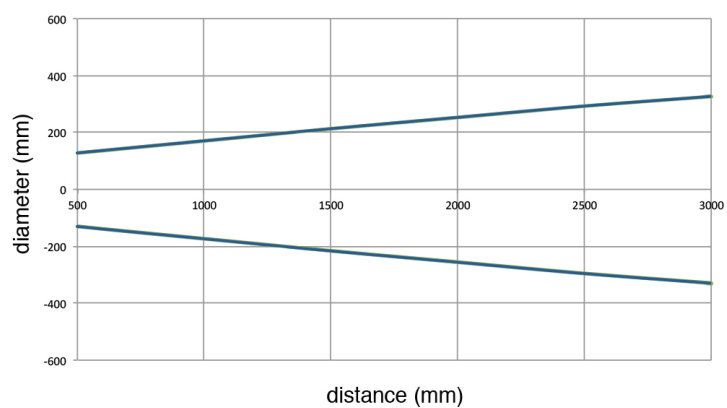


OTHERS

Dimensions



Response curves



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