



FC3

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Photo.Fork, TRIAC-LO/DO, M12 plug, Edge detect

DUAL BEAMS PHOTOELECTRICS SLOT SENSOR FOR SENSOR EDGE DETECTION

OVERVIEW

- Dual beams photoelectric slot sensor
- RIAC output
- Light on/Dark on selectable by polarity inversion
- Approvals: CE



TECHNICAL FEATURES

Detection properties

Beams space	6,8mm
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Optics diameter	3mm
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Outputs

Output type	TRIAC
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Output Function	LO/DO
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Switching frequency	25Hz
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Electrical data	
Operating Voltage	10...30Vdc
No-Load supply current	≤ 30mA
Load current	≤ 500mA (V=110Vac)
Leakage current	≤ 250μA (V=250V max))
Output voltage drop	≤ 1,2V @ Iload=500mA
Max ripple content	< 10%
LED indicators	green (supply) red (output)
Emission	infrared
Inrush current	5A (T=10μs)
Blocking voltage / Operating voltage	± 400V - 110Vac eff.
Zero-voltage switching	yes

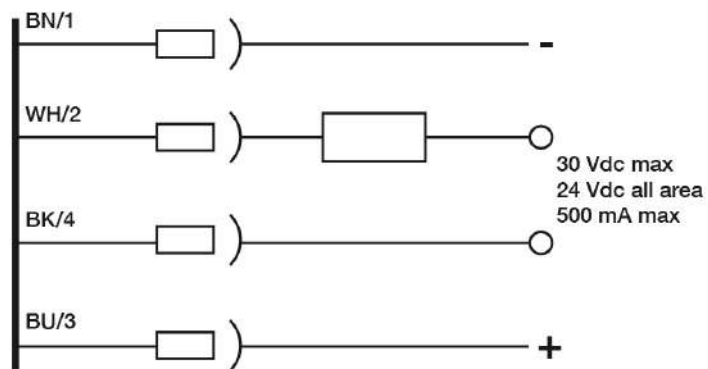
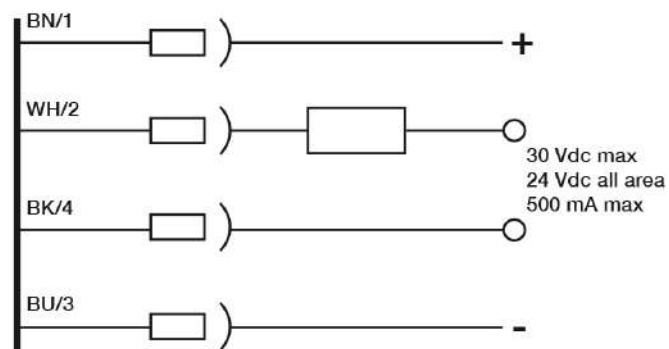
Mechanical data	
Dimensions	26,4 x 75 x 90 mm
Weight	122g
Housing Material	PCB
Connections	Pigtail

Test/Approvals	

Approvals	CE
Degree of protection	IP64
Generical Data	
Dimensions	26,4 x 75 x 90 mm
Mechanical Protection	IP64

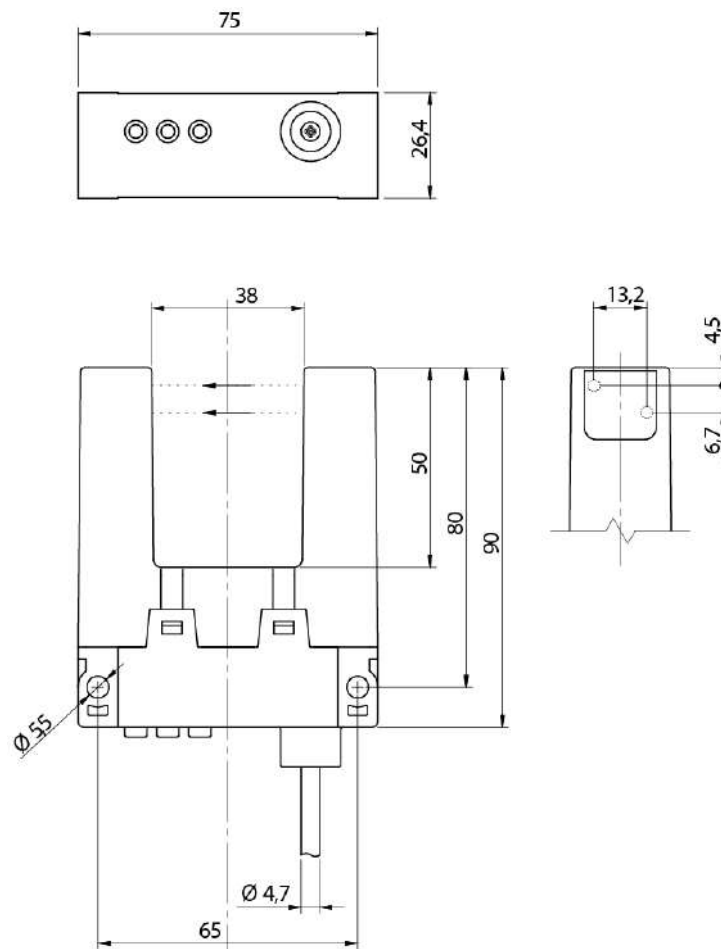
CONNECTIONS

Eletrical diagram



OTHERS

Dimensions



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**date of
printing**
02/07/2024
07:21:23