FY3/0N-0V

FY

ADVANCED FIBER AMPLIFIERS



Detection properties

Nominal sensing distance	Depended fibres used
Repeat Accuracy	5%
Sensitivity adjustment	Teach-in

Application

Notes	Delay ON/OFF One Shot Anti mutual interference
Optic position	Axial

Outputs

Output type	NPN
Output Function	LO/DO
Switching frequency	2,5Khz(HIGH SPEED)1,3Khz(FINE)333Hz(SUPER)41Hz(MEGA)
Response time	OFF: 100µs(HIGH SPEED)250 µs(FINE)1ms(SUPER)8ms(MEGA)

Electrical data

Operating Voltage	12...24Vdc
No-Load supply current	≤ 40mA
Load current	≤ 100mA
Leakage current	≤ 10µA
Output voltage drop	≤ 1V

Max ripple content	≤ 10 %
LED indicators	Red (output activated) Double display 4 digits
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Emission	Red Led
Interference to external light	20.000lux (incandescent lamp), 30.000lux (sunlight)

Mechanical data

Dimensions	71,8 x 30,3 x 9,8 mm
Weight	50 g (approx.)
Housing Material	PC
Connections	150mm PVC cable + M8 4p plug
Operating temperature	- 20°C...+ 55°C (without freeze)

Test/Approvals

Approvals	CE
EMC compatibility	EN 60947-5-2
Degree of protection	IP64

Accessories

Supplied Accessories	DIN mounting bracket

Generical Data

Dimensions	71,8 x 30,3 x 9,8 mm
Operating Temperature	- 20°C...+ 55°C (without freeze)
Mechanical Protection	IP64

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