

**E3Z-FRN21 Information**


For Reference Only

**Part Number** [E3Z-FRN21](#)  
**Manufacturer** Omron Automation and Safety  
**Category** Sensors, Transducers  
[Optical Sensors - Photoelectric, Industrial](#)  
**Description** SENSOR RETRO RED NPN M12  
**Package** -  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**E3Z-FRN21 Specifications**

|                          |   |
|--------------------------|---|
| Manufacturer Part Number | <a href="#">E3Z-FRN21</a>   |
| Manufacturer             | Omron Automation and Safety   |
| Category                 | Sensors, Transducers<br><a href="#">Optical Sensors - Photoelectric, Industrial</a> |
| Package                  | -   |
| Series                   | E3Z   |
| Sensing Method           | Retroreflective   |
| Sensing Distance         | 157.480" (4m)   |
| Voltage - Supply         | 10 V ~ 30 V   |
| Response Time            | 500µs   |
| Output Configuration     | NPN - Open Collector  |
| Connection Method        | Connector, M12  |
| Ingress Protection       | IP69K   |
| Cable Length             | -   |
| Light Source             | Red LED   |
| Adjustment Type          | Single-Turn   |
| Operating Temperature    | -25°C ~ 55°C  |

[Report errors?](#)

## E3Z-FRN21 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## E3Z-FRN21 Payment Methods



## E3Z-FRN21 Shipping Methods



If you have any question about E3Z-FRN21, please do not hesitate to contact us!

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