

# FBR-DN-0E Cut Sheet



AutomationDirect photoelectric sensor, tubular, threaded, plastic housing, through-beam receiver, 8m sensing distance, 10-30 VDC operating voltage, dark-on, NPN, 3-wire, 4-pin M12 quick-disconnect.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/FBR-DN-0E>

## Technical Specifications

Brand	AutomationDirect
Item	Photoelectric sensor
Shape	Tubular
Barrel Type	Threaded
Housing Size	18mm diameter x 33.9mm body
IP Rating	IP67
Housing Material	Plastic
Sensing Method	Through-beam receiver
Operating Voltage	10-30 VDC

Number of Wires	3
Switching Output	NPN
Sensing Distance	8m
Operation Mode	Dark-on
Switching Frequency	1 kHz
Connection	4-pin M12 quick-disconnect
Includes	Mounting hardware
Additional Information	Purchase cable separately

## Agency Approvals

UL Listed File #	E328811
UL Recognized File #	None
UL Hazardous File #	None
CE	<a href="#">View CE declarations</a>
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/FBR-DN-0E.pdf>  
See store item page for other formats.