

FB6-DN-0E Cut Sheet



AutomationDirect photoelectric sensor, tubular, threaded, diffuse, visible red, 400mm sensing distance, dark-on, NPN, potentiometer, 1 kHz switching frequency, plastic housing, 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/FB6-DN-0E>

Technical Specifications

Brand	AutomationDirect
Item	Photoelectric sensor
Shape	Tubular
Barrel Type	Threaded
Housing Size	18mm diameter x 33.9mm body
IP Rating	IP65
Housing Material	Plastic
Sensing Method	Diffuse
Operating Voltage	10-30 VDC
Number of Wires	3

Switching Output	NPN
Sensing Distance	400mm
Sensitivity	Potentiometer
Operation Mode	Dark-on
Switching Frequency	1 kHz
Light Emission (NP)	Visible red
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	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/FB6-DN-0E.pdf>
See store item page for other formats.