

FDM3-0N-1A Cut Sheet

AchieVe photoelectric sensor, tubular, threaded, diffuse, infrared, 100mm sensing distance, selectable light-on/dark-on, NPN, teach-in button, 1 kHz switching frequency, metal housing, pigtail.

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



<https://www.automationdirect.com/pn/FDM3-0N-1A>



Technical Specifications

Brand	AchieVe
Item	Photoelectric sensor
Shape	Tubular
Barrel Type	Threaded
Housing Size	12mm diameter x 55mm body
IP Rating	IP67
Housing Material	Metal
Sensing Method	Diffuse
Operating Voltage	10-30 VDC
Number of Wires	4
Switching Output	NPN

Sensing Distance	100mm
Sensitivity	Teach-in button
Operation Mode	Selectable light-on/dark-on
Switching Frequency	1 kHz
Light Emission (NP)	Infrared
IO-Link Compatible	No
Cable Length	6.5ft/2m
Jacket Material	PVC
Connection	Pigtail
Conductor Size	26 AWG
Includes	Mounting hardware

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/2d/FDM3-0N-1A.pdf>
See store item page for other formats.