

AMIG-YC2-0010-I-M020 Cut Sheet



Lika Electronic AMIG series incremental (quadrature) linear encoder, 10–30 VDC, HTL (push-pull/totem) output, heavy duty, 0.01mm/pulse, IP65, 6.5ft/2m cable length, 8-pin M12 male A-coded.

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



<https://www.automationdirect.com/pn/AMIG-YC2-0010-I-M020>

Technical Specifications

Brand	Lika Electronic
Item	Encoder
Series	AMIG
Feedback Type	Incremental (quadrature)
Encoder Type	Linear
Voltage Rating	10–30 VDC
Encoder Output Type	HTL (push-pull/totem)
Duty Rating	Heavy duty
Programmable Encoder Resolution	No
Encoder Resolution	0.01mm/pulse
Frequency Response	500 kHz

Speed Rating	1m/sec
Flange Mount	No
Housing Material	Nylon
IP Rating	IP65
Protection Type(s)	• short circuit (between each output and common) • reverse polarity
Cable Length	6.5ft/2m
Wire Size	24 AWG
Connector Type	8-pin M12 male A-coded
Requires	Lika Electronic EC-M12F8-LK-M8-xxx encoder cable

Agency Approvals

UL Listed File #	None
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/AMIG-YC2-0010-I-M020.pdf>
See store item page for other formats.