

A80H-1024-HZC30-M23 Cut Sheet



Lika Electronic A80 series incremental (quadrature) rotary encoder, medium duty, 5-30 VDC, radial exit, universal (line driver or NPN/PNP open collector) output, 1024 ppr, multiple shafts (5/8in - 30mm), 80mm diameter body, IP64, M23 male.

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



<https://www.automationdirect.com/pn/A80H-1024-HZC30-M23>

Technical Specifications

Brand	Lika Electronic
Item	Encoder
Series	A80
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Duty Rating	Medium duty
Voltage Rating	5-30 VDC
Exit Orientation	Radial
Encoder Output Type	Universal (line driver or NPN/PNP open collector)
Encoder Resolution	1024 ppr
Shaft Type	Hollow
Shaft Diameter	5/8in, 19mm, 20mm, 7/8in, 1in, 1-1/8in and 30mm
Shaft Diameter	Multiple shafts (5/8in - 30mm)
Radial Shaft Load	30N

Axial Shaft Load	30N
Frequency Response	300 kHz
Speed Rating	6000rpm
Flange Mount	No
Encoder Body Diameter	80mm
Housing Material	Aluminum alloy
IP Rating	IP64
Protection Type(s)	<ul style="list-style-type: none">• short circuit (between each output and common)• reverse polarity
Connector Type	M23 male
Requires	Lika Electronic EC-C12F-LK18-Lxxx encoder cable and BR2-xx reducer bushing (30mm shaft does not require reducer)

Agency Approvals

UL Listed File #	None
UL Recognized File #	E211871
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/A80H-1024-HZC30-M23.pdf>
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