

A80H-1024-HZC30-M23 Cut Sheet



Lika Electronic A80 series incremental (quadrature) rotary encoder, 5-30 VDC, universal (line driver or NPN/PNP open collector) output, medium duty, 1024 ppr, multiple hollow shafts (5/8in - 30mm), 80mm diameter body, IP64, radial exit, 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	Frequency Response	300 kHz
Item	Encoder	Speed Rating	6000rpm
Series	A80	Flange Mount	No
Feedback Type	Incremental (quadrature)	Encoder Body Diameter	80mm
Encoder Type	Rotary	Housing Material	Aluminum alloy
Replacement	No	IP Rating	IP64
Voltage Rating	5-30 VDC	Protection Type(s)	• short circuit (between each output and common) • reverse polarity
Encoder Output Type	Universal (line driver or NPN/PNP open collector)	Exit Orientation	Radial
Duty Rating	Medium duty	Connector Type	M23 male
Encoder Resolution	1024 ppr	Requires	Lika Electronic EC-C12F-LK18-Lxxx encoder cable and BR2-xx reducer bushing (30mm shaft does not require reducer)
Shaft Type	Hollow		
Shaft Diameter	5/8in, 19mm, 20mm, 7/8in, 1in, 1-1/8in and 30mm		
Radial Shaft Load	30N		
Axial Shaft Load	30N		

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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