

A80H-1024-HZC30-RL2 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, 6.5ft/2m cable length, radial exit, pigtail.

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



<https://www.automationdirect.com/pn/A80H-1024-HZC30-RL2>

Technical Specifications

Brand	Lika Electronic
Item	Encoder
Series	A80
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Replacement	No
Voltage Rating	5-30 VDC
Encoder Output Type	Universal (line driver or NPN/PNP open collector)
Duty Rating	Medium duty
Encoder Resolution	1024 ppr
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
Frequency Response	300 kHz

Speed Rating	6000rpm
Flange Mount	No
Encoder Body Diameter	80mm
Housing Material	Aluminum alloy
IP Rating	IP64
Protection Type(s)	• short circuit (between each output and common) • reverse polarity
Cable Length	6.5ft/2m
Cable Diameter Size	5mm
Wire Size	24 AWG
Exit Orientation	Radial
Connector Type	Pigtail
Requires	Lika Electronic 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-RL2.pdf>
See store item page for other formats.