

# A50H-2048-HZCP6-RL2 Cut Sheet



Lika Electronic A50 series incremental (quadrature) rotary encoder, medium duty, 5-30 VDC, radial exit, universal (line driver or NPN/PNP open collector) output, 2048 ppr, 1/4in hollow shaft, 50mm diameter body, IP65, 6.5ft/2m cable length, pigtail.

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



<https://www.automationdirect.com/pn/A50H-2048-HZCP6-RL2>

## Technical Specifications

<b>Brand</b>	Lika Electronic	<b>Axial Shaft Load</b>	20N
<b>Item</b>	Encoder	<b>Frequency Response</b>	100 kHz
<b>Series</b>	A50	<b>Speed Rating</b>	6000rpm
<b>Feedback Type</b>	Incremental (quadrature)	<b>Flange Mount</b>	No
<b>Encoder Type</b>	Rotary	<b>Encoder Body Diameter</b>	50mm
<b>Duty Rating</b>	Medium duty	<b>Housing Material</b>	Aluminum alloy
<b>Voltage Rating</b>	5-30 VDC	<b>IP Rating</b>	IP65
<b>Exit Orientation</b>	Radial	<b>Protection Type(s)</b>	<ul style="list-style-type: none"><li>• short circuit (between each output and common)</li><li>• reverse polarity</li></ul>
<b>Encoder Output Type</b>	Universal (line driver or NPN/PNP open collector)	<b>Cable Length</b>	6.5ft/2m
<b>Encoder Resolution</b>	2048 ppr	<b>Cable Diameter Size</b>	5mm
<b>Shaft Type</b>	Hollow	<b>Wire Size</b>	24 AWG
<b>Shaft Diameter</b>	1/4in	<b>Connector Type</b>	Pigtail
<b>Radial Shaft Load</b>	20N		

## Agency Approvals

<b>UL Listed File #</b>	None
<b>UL Recognized File #</b>	E211871
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/A50H-2048-HZCP6-RL2.pdf>  
See store item page for other formats.