

# A41H-4096-HZCP6-AL2 Cut Sheet



Lika Electronic A41 series incremental (quadrature) rotary encoder, light duty, 5-30 VDC, axial exit, universal (line driver or NPN/PNP open collector) output, 4096 ppr, 1/4in hollow shaft, 41mm diameter body, IP64, 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/A41H-4096-HZCP6-AL2>

## 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>	A41	<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>	41mm
<b>Duty Rating</b>	Light duty	<b>Housing Material</b>	Fiberglass reinforced plastic
<b>Voltage Rating</b>	5-30 VDC	<b>IP Rating</b>	IP64
<b>Exit Orientation</b>	Axial	<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>	4096 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/A41H-4096-HZCP6-AL2.pdf>  
See store item page for other formats.