

A41S-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 solid 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/A41S-4096-HZCP6-AL2>

Technical Specifications

Brand	Lika Electronic
Item	Encoder
Series	A41
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Duty Rating	Light duty
Voltage Rating	5-30 VDC
Exit Orientation	Axial
Encoder Output Type	Universal (line driver or NPN/PNP open collector)
Encoder Resolution	4096 ppr
Shaft Type	Solid
Shaft Diameter	1/4in
Radial Shaft Load	20N

Axial Shaft Load	20N
Frequency Response	100 kHz
Speed Rating	6000rpm
Flange Mount	No
Encoder Body Diameter	41mm
Housing Material	Fiberglass reinforced plastic
IP Rating	IP64
Protection Type(s)	<ul style="list-style-type: none">• short circuit (between each output and common)• reverse polarity
Cable Length	6.5ft/2m
Cable Diameter Size	5mm
Wire Size	24 AWG
Connector Type	Pigtail

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/A41S-4096-HZCP6-AL2.pdf>
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