

A41H-2048-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, 2048 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-2048-HZCP6-AL2>

Technical Specifications

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|----------------------------|---|------------------------------|---|
| Brand | Lika Electronic | Axial Shaft Load | 20N |
| Item | Encoder | Frequency Response | 100 kHz |
| Series | A41 | Speed Rating | 6000rpm |
| Feedback Type | Incremental (quadrature) | Flange Mount | No |
| Encoder Type | Rotary | Encoder Body Diameter | 41mm |
| Duty Rating | Light duty | Housing Material | Fiberglass reinforced plastic |
| Voltage Rating | 5-30 VDC | IP Rating | IP64 |
| Exit Orientation | Axial | Protection Type(s) | <ul style="list-style-type: none">• short circuit (between each output and common)• reverse polarity |
| Encoder Output Type | Universal (line driver or NPN/PNP open collector) | Cable Length | 6.5ft/2m |
| Encoder Resolution | 2048 ppr | Cable Diameter Size | 5mm |
| Shaft Type | Hollow | Wire Size | 24 AWG |
| Shaft Diameter | 1/4in | Connector Type | Pigtail |
| Radial Shaft Load | 20N | | |

Agency Approvals

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| 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/A41H-2048-HZCP6-AL2.pdf>
See store item page for other formats.