

# A41S-0500-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, 500 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-0500-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>  | 500 ppr   | <b>Cable Diameter Size</b>   | 5mm   |
| <b>Shaft Type</b>          | Solid   | <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/A41S-0500-HZCP6-AL2.pdf>  
See store item page for other formats.