

# A50H-0360-HZCP9-RL2 Cut Sheet



Lika Electronic A50 series incremental (quadrature) rotary encoder, 5-30 VDC, universal (line driver or NPN/PNP open collector) output, medium duty, 360 ppr, 3/8in hollow shaft, 50mm diameter body, IP65, 6.5ft/2m cable length, radial exit, pigtail.

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



<https://www.automationdirect.com/pn/A50H-0360-HZCP9-RL2>

## Technical Specifications

|                     |                                                   |
|---------------------|---------------------------------------------------|
| Brand               | Lika Electronic                                   |
| Item                | Encoder                                           |
| Series              | A50                                               |
| Feedback Type       | Incremental (quadrature)                          |
| Encoder Type        | Rotary                                            |
| Voltage Rating      | 5-30 VDC                                          |
| Encoder Output Type | Universal (line driver or NPN/PNP open collector) |
| Duty Rating         | Medium duty                                       |
| Encoder Resolution  | 360 ppr                                           |
| Shaft Type          | Hollow                                            |
| Shaft Diameter      | 3/8in                                             |
| Radial Shaft Load   | 20N                                               |
| Axial Shaft Load    | 20N                                               |
| Frequency Response  | 100 kHz                                           |

|                       |                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Speed Rating          | 6000rpm                                                                                                                     |
| Flange Mount          | No                                                                                                                          |
| Encoder Body Diameter | 50mm                                                                                                                        |
| Housing Material      | Aluminum alloy                                                                                                              |
| IP Rating             | IP65                                                                                                                        |
| Protection Type(s)    | <ul style="list-style-type: none"><li>• short circuit (between each output and common)</li><li>• reverse polarity</li></ul> |
| Cable Length          | 6.5ft/2m                                                                                                                    |
| Cable Diameter Size   | 5mm                                                                                                                         |
| Wire Size             | 24 AWG                                                                                                                      |
| Exit Orientation      | Radial                                                                                                                      |
| Connector Type        | Pigtail                                                                                                                     |

## Agency Approvals

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

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/A50H-0360-HZCP9-RL2.pdf>  
See store item page for other formats.