

AQ58S-PRG-HZCP9-M12 Cut Sheet



Lika Electronic AQ58 series incremental (quadrature) rotary encoder, medium duty, 5-30 VDC, radial exit, universal (line driver or NPN/PNP open collector) output, up to 14-bit (16384 ppr), 3/8in solid shaft, 58mm diameter body, IP65, M12 male.

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



<https://www.automationdirect.com/pn/AQ58S-PRG-HZCP9-M12>

Technical Specifications

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|----------------------------|---|------------------------------|---|
| Brand | Lika Electronic | Radial Shaft Load | 100N |
| Item | Encoder | Axial Shaft Load | 100N |
| Series | AQ58 | Frequency Response | 500 kHz |
| Feedback Type | Incremental (quadrature) | Speed Rating | 6000rpm |
| Encoder Type | Rotary | Flange Mount | No |
| Duty Rating | Medium duty | Encoder Body Diameter | 58mm |
| Voltage Rating | 5-30 VDC | Housing Material | Aluminum alloy |
| Exit Orientation | Radial | IP Rating | IP65 |
| Encoder Output Type | Universal (line driver or NPN/PNP open collector) | Protection Type(s) | <ul style="list-style-type: none">• short circuit (between each output and common)• reverse polarity |
| Encoder Resolution | Up to 14-bit (16384 ppr) | Connector Type | M12 male |
| Shaft Type | Solid | Requires | Lika Electronic EC-M12F12-LKT12-xx encoder cable |
| Shaft Diameter | 3/8in | | |

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/AQ58S-PRG-HZCP9-M12.pdf>
See store item page for other formats.