

AM58S-1314-MBP9-M12 Cut Sheet



Lika Electronic AM58 series multi-turn absolute rotary encoder, 10-30 VDC, Modbus RTU output, medium duty, up to 13-bit (8192 ppr)/up to 14-bit turns, 3/8in solid shaft, 58mm diameter body, IP65, radial exit, M12 male.

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



<https://www.automationdirect.com/pn/AM58S-1314-MBP9-M12>

Technical Specifications

| | |
|---|--|
| Brand | Lika Electronic |
| Item | Encoder |
| Series | AM58 |
| Feedback Type | Multi-turn absolute |
| Encoder Type | Rotary |
| Voltage Rating | 10-30 VDC |
| Encoder Output Type | Modbus RTU |
| Duty Rating | Medium duty |
| Communication Port and Connection Type(s) | (1) RS-485 (5-pin M12 A-coded) |
| Port Protocol(s) | Modbus RTU Slave |
| Port Speed(s) | up to 115.2k baud |
| Encoder Resolution | Up to 13-bit (8192 ppr)/up to 14-bit turns |
| Shaft Type | Solid |
| Shaft Diameter | 3/8in |

| | |
|------------------------|--|
| Radial Shaft Load | 40N |
| Axial Shaft Load | 40N |
| Speed Rating | 9000rpm |
| Flange Mount | No |
| Encoder Body Diameter | 58mm |
| Housing Material | Aluminum alloy |
| IP Rating | IP65 |
| Protection Type(s) | <ul style="list-style-type: none">• short circuit• reverse polarity |
| Exit Orientation | Radial |
| Connector Type | M12 male |
| Requires | Lika Electronic EC-M12FC-LK-CB-Lxxx encoder cable |
| Additional Information | Optional LIKA-MODBUS-RTU software available for custom configuration |

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/AM58S-1314-MBP9-M12.pdf>
See store item page for other formats.