

AQ58S-PRG-HZCP9-M12 Cut Sheet



Lika Electronic AQ58 series incremental (quadrature) rotary encoder, 5-30 VDC, universal (line driver or NPN/PNP open collector) output, medium duty, up to 14-bit (16384 ppr), 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/AQ58S-PRG-HZCP9-M12>

Technical Specifications

Brand	Lika Electronic	Speed Rating	6000rpm
Item	Encoder	Flange Mount	No
Series	AQ58	Encoder Body Diameter	58mm
Feedback Type	Incremental (quadrature)	Housing Material	Aluminum alloy
Encoder Type	Rotary	IP Rating	IP65
Voltage Rating	5-30 VDC	Protection Type(s)	• short circuit (between each output and common) • reverse polarity
Encoder Output Type	Universal (line driver or NPN/PNP open collector)	Exit Orientation	Radial
Duty Rating	Medium duty	Connector Type	M12 male
Encoder Resolution	Up to 14-bit (16384 ppr)	Requires	Lika Electronic EC-M12F12-LKT12-xx encoder cable
Shaft Type	Solid	Additional Information	Default resolution is 1024ppr
Shaft Diameter	3/8in		
Radial Shaft Load	100N		
Axial Shaft Load	100N		
Frequency Response	500 kHz		

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