

AR01X-0250-HM12 Cut Sheet



Lika Electronic AR01 series incremental (quadrature) rotary encoder, replacement, 5-30 VDC, universal (line driver or NPN/ PNP open collector) output, medium duty, 250 ppr, 15mm dual 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/AR01X-0250-HM12>

Technical Specifications

Brand	Lika Electronic	Frequency Response	50 kHz
Item	Encoder	Speed Rating	2000rpm
Series	AR01	Flange Mount	No
Feedback Type	Incremental (quadrature)	Encoder Body Diameter	58mm
Encoder Type	Rotary	Housing Material	Aluminum alloy
Replacement	Yes	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	250 ppr	For Use With	Lika Electronic AR01 series measuring wheel encoder assemblies
Shaft Type	Dual	Requires	Lika Electronic EC-M12F8-LKM8-xx encoder cable
Shaft Diameter	15mm		
Radial Shaft Load	100N		
Axial Shaft Load	100N		

Agency Approvals

UL Listed File #	None
UL Recognized File #	None
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/AR01X-0250-HM12.pdf>
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