

AR01X-0250-HM12 Cut Sheet



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

Technical Specifications

Brand	Lika Electronic
Item	Encoder
Series	AR01
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Replacement	Yes
Duty Rating	Medium duty
Voltage Rating	5-30 VDC
Exit Orientation	Radial
Encoder Output Type	Universal (line driver or NPN/PNP open collector)
Encoder Resolution	250 ppr
Shaft Type	Dual
Shaft Diameter	15mm
Radial Shaft Load	100N

Axial Shaft Load	100N
Frequency Response	50 kHz
Speed Rating	2000rpm
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 (between each output and common)• reverse polarity
Connector Type	M12 male
For Use With	Lika Electronic AR01 series measuring wheel encoder assemblies
Requires	Lika Electronic EC-M12F8-LKM8-xx encoder cable

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>
See store item page for other formats.