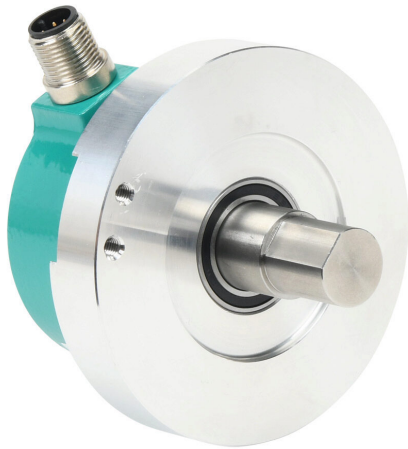


# AR01X-1250-HM12 Cut Sheet



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, 1250ppr, 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-1250-HM12>

## Technical Specifications

<b>Brand</b>	Lika Electronic
<b>Item</b>	Encoder
<b>Series</b>	AR01
<b>Feedback Type</b>	Incremental (quadrature)
<b>Encoder Type</b>	Rotary
<b>Replacement</b>	Yes
<b>Duty Rating</b>	Medium duty
<b>Voltage Rating</b>	5-30 VDC
<b>Exit Orientation</b>	Radial
<b>Encoder Output Type</b>	Universal (line driver or NPN/PNP open collector)
<b>Encoder Resolution</b>	1250ppr
<b>Shaft Type</b>	Dual
<b>Shaft Diameter</b>	15mm
<b>Radial Shaft Load</b>	100N

<b>Axial Shaft Load</b>	100N
<b>Frequency Response</b>	50 kHz
<b>Speed Rating</b>	2000rpm
<b>Flange Mount</b>	No
<b>Encoder Body Diameter</b>	58mm
<b>Housing Material</b>	Aluminum alloy
<b>IP Rating</b>	IP65
<b>Protection Type(s)</b>	<ul style="list-style-type: none"><li>• short circuit (between each output and common)</li><li>• reverse polarity</li></ul>
<b>Connector Type</b>	M12 male
<b>For Use With</b>	Lika Electronic AR01 series measuring wheel encoder assemblies
<b>Requires</b>	Lika Electronic EC-M12F8-LKM8-xx encoder cable

## Agency Approvals

<b>UL Listed File #</b>	None
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/AR01X-1250-HM12.pdf>  
See store item page for other formats.