

# 36J1010003GSC8 Cut Sheet



Wachendorff Automation WDGI 36J series incremental (quadrature) rotary encoder, 5–30 VDC, universal (TTL line driver or HTL NPN/PNP open collector) output, heavy duty, 1000 ppr, 10mm solid shaft, 36mm diameter body, IP67 and IP69K, 8-pin M12 A-coded.

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



<https://www.automationdirect.com/pn/36J1010003GSC8>

## Technical Specifications

<b>Brand</b>	Wachendorff Automation
<b>Item</b>	Encoder
<b>Series</b>	WDGI 36J
<b>Feedback Type</b>	Incremental (quadrature)
<b>Encoder Type</b>	Rotary
<b>Voltage Rating</b>	5–30 VDC
<b>Encoder Output Type</b>	Universal (line driver or NPN/PNP open collector)
<b>Duty Rating</b>	Heavy duty
<b>Programmable Encoder Resolution</b>	No
<b>Encoder Resolution</b>	1000 ppr
<b>Shaft Type</b>	Solid
<b>Shaft Diameter</b>	10mm
<b>Radial Shaft Load</b>	300N

<b>Axial Shaft Load</b>	300N
<b>Frequency Response</b>	600 kHz
<b>Speed Rating</b>	6000 rpm
<b>Flange Mount</b>	No
<b>Encoder Body Diameter</b>	36mm
<b>Housing Material</b>	Aluminum and stainless steel
<b>IP Rating</b>	IP67 and IP69K
<b>Protection Type(s)</b>	<ul style="list-style-type: none"><li>• short circuit</li><li>• reverse polarity</li></ul>
<b>Exit Orientation</b>	Radial
<b>Connector Type</b>	8-pin M12 A-coded
<b>Requires</b>	8-pin female M12 cable
<b>Manufacturer Part Number</b>	WDGI 36J-10-1000-ABN-M35-SC8

## Agency Approvals

<b>UL Listed File #</b>	1WD2.E226909
<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/36J1010003GSC8.pdf>  
See store item page for other formats.