

36J105003GSC8 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, 500 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/36J105003GSC8>

Technical Specifications

Brand	Wachendorff Automation
Item	Encoder
Series	WDGI 36J
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Voltage Rating	5–30 VDC
Encoder Output Type	Universal (line driver or NPN/PNP open collector)
Duty Rating	Heavy duty
Programmable Encoder Resolution	No
Encoder Resolution	500 ppr
Shaft Type	Solid
Shaft Diameter	10mm
Radial Shaft Load	300N

Axial Shaft Load	300N
Frequency Response	600 kHz
Speed Rating	6000 rpm
Flange Mount	No
Encoder Body Diameter	36mm
Housing Material	Aluminum and stainless steel
IP Rating	IP67 and IP69K
Protection Type(s)	<ul style="list-style-type: none">• short circuit• reverse polarity
Exit Orientation	Radial
Connector Type	8-pin M12 A-coded
Requires	8-pin female M12 cable
Manufacturer Part Number	WDGI 36J-10-500-ABN-M35-SC8

Agency Approvals

UL Listed File #	1WD2.E226909
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/36J105003GSC8.pdf>
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