58H1250003CSC8 Cut Sheet

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Wachendorff Automation WDGI 58H series incremental (quadrature) rotary encoder, 5 VDC, TTL (line driver differential) output, 5000 ppr, multiple hollow shafts (6–12mm), IP65, M12 male.

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

https://www.automationdirect.com/pn/58H1250003CSC8

Technical Specifications

Brand	Wachendorff Automation
Item	Encoder
Series	WDGI 58H
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Voltage Rating	5 VDC
Sensing Method	Optical
Encoder Output Type	TTL (line driver differential)
Duty Rating	Heavy duty
Programmable Encoder Resolution	No
Encoder Resolution	5000 ppr
Shaft Type	Hollow
Shaft Diameter	6mm, 1/4in, 7mm, 8mm, 3/8in, 10mm and 12mm

Radial Shaft Load	80N
Axial Shaft Load	60N
Frequency Response	200 kHz
Speed Rating	6000 rpm
Flange Mount	No
Flange Diameter	58mm
Encoder Body Diameter	58mm
Housing Material	Die-cast aluminum
IP Rating	IP65
Protection Type(s)	short circuit
Exit Orientation	Radial
Connector Type	M12 male
Manufacturer Part Number	WDGI 58H-12-5000-ABN-R05-SC8

Agency Approvals

UL Listed File #	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/58H1250003CSC8.pdf
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