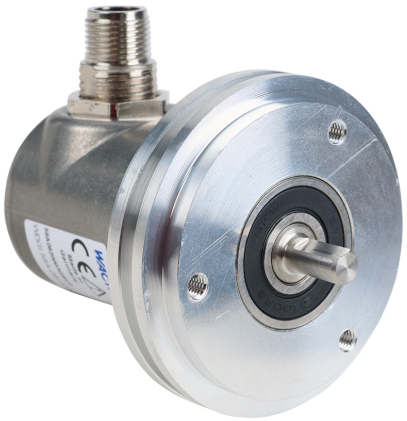
58A0620003GSC8 Cut Sheet

AUTOMATIONDIRECT.com
www.automationdirect.com



Wachendorff Automation WDGI 58A series incremental (quadrature) rotary encoder, 5–30 VDC, universal (TTL line driver or HTL NPN/PNP open collector) output, 2000 ppr, 6mm solid shaft, flange mount, IP65 and IP67, M12 male.

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

https://www.automationdirect.com/pn/58A0620003GSC8

Technical Specifications

Brand	Wachendorff Automation
Item	Encoder
Series	WDGI 58A
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Voltage Rating	5–30 VDC
Sensing Method	Magnetic
Encoder Output Type	Universal (TTL line driver or HTL NPN/PNP open collector)
Duty Rating	Heavy duty
Programmable Encoder Resolution	No
Encoder Resolution	2000 ppr
Shaft Type	Solid
Shaft Diameter	6mm

Radial Shaft Load	125N
Axial Shaft Load	120N
Frequency Response	1 MHz and 600 kHz
Speed Rating	10000 rpm
Flange Mount	Yes
Flange Diameter	58mm
Encoder Body Diameter	36mm
Housing Material	Die-cast aluminum and stainless steel
IP Rating	IP65 and IP67
Protection Type(s)	• short circuit • reverse polarity
Exit Orientation	Radial
Connector Type	M12 male
Manufacturer Part Number	WDGI 58A-06-2000-ABN-M35-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/58A0620003GSC8.pdf
See store item page for other formats.