

SIL APPROVED SAFETY ENCODER

SIL

Functional safety encoder

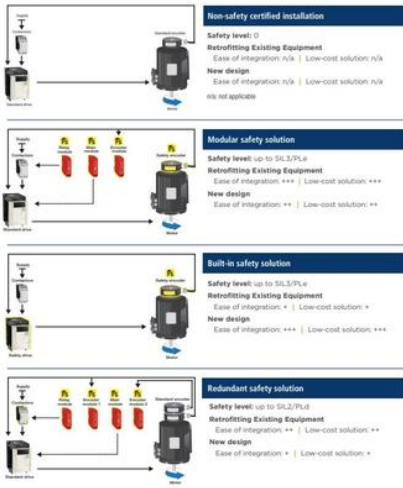
- SIL3/PLe compatible
- Diameter 58mm or 90mm, shaft 6-12mm or bore 14-30mm
- Resolution 250 - 2500 pulses per revolution
- A, B and Z channels, also inverted
- Also available with stainless steel body, IP69K



PRODUCT DESCRIPTION

SPECIFICATIONS

Sensor type	Incremental
Housing diameter	58 mm
Shaft Diameter min	6 mm
Shaft Diameter max	30 mm
Resolution max	2500 P/R
Connection Thread	Cable, M23 contact
IP Class	IP65
Speed max.	6000 rpm
Supply Voltage DC Min	5 V DC
Supply Voltage DC Max	30 V DC
Temperature range from	-20 °C
Temperature range to	85 °C
Output	Push/Pull, RS422, SinCos



Model	Characteristics	Shaft type	Shaft diameter	Resolution	Max. speed	Termination
DSMSH	58 mm Aluminium IP55		6, 10 mm and 3/8"	250, 256, 260, 500, 512, 1000, 1024, 2048, 2500	6000 RPM	Cable or M23 Connector Axial or Radial
DSMSX	58 mm Stainless steel IP66		10 mm	250, 256, 260, 500, 512, 1000, 1024, 2048, 2500	3000 RPM	Cable Axial
DSOSH	58 mm Aluminium IP55		14 mm	250, 256, 260, 500, 512, 1000, 1024, 2048, 2500	4000 RPM	Cable or M23 Connector Radial
DSMGH	90 mm Aluminium IP55		11, 12 mm	1024, 2048	6000 RPM	Cable or M23 Connector Axial or Radial
DSMSX	90 mm Stainless steel IP66		11, 12 mm	1024, 2048	6000 RPM	Cable or M23 Connector Axial or Radial
DSU9H	90 mm Aluminium IP55		20, 25, 30 mm and 1"	1024, 2048	3000 RPM	Cable or M23 Connector Radial
DSUXK	90 mm Stainless steel IP66		20, 25, 30 mm and 1"	1024, 2048	1500 RPM	Cable or M23 Connector Radial

Shaft Through shaft