

# FNC ST Analog Output

Current / voltage output



## FNC ST Analog Output

50 mm & 58 mm Housing



### Features

- Industry 58 mm shaft version
- Industry 58 mm end hollow shaft version
- Robust mechanical and electrical construction
- Protection up to IP67
- 0-10V voltage / 4-20mA current output versus position

### Output Options :

- 0-10VDC Voltage
- 0-5VDC Voltage
- 4-20mA current

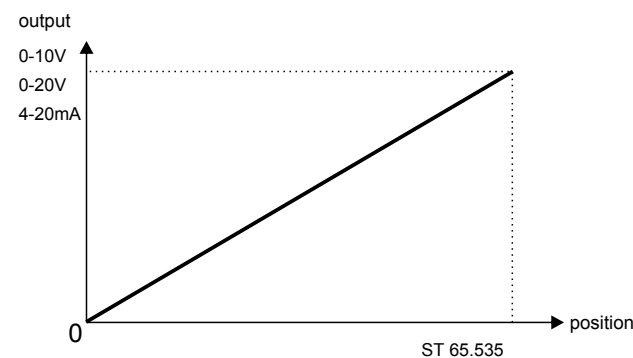
### Technical data - electrical ratings

Voltage supply	10-30VDC
Protection:	Output short circuit protection. Reverse polarity protection
Consumption w/o load	≤60 mA (24 VDC)
Output signals	0-10VDC Voltage output 1-5VDC Voltage output 4-20mA current output
Resolution	up to 16 bit
Interference immunity	DIN EN 61000-6-2
Emitted interference	DIN EN 61000-6-4
Approval	CE

### Technical data - mechanical design

Dimensions (flange)	ø58 mm
Shaft loading	≤140 N axial ≤240 N radial
Protection DIN EN 60529	IP54, IP65
Operating speed	≤10000 rpm
Starting torque	≤0.025 Nm (IP 67)
Materials	Housing: Aluminium Flange: Aluminium Shaft : Stainless steel
Shaft/Hollow shaft diameter:	6, 8, 10, 12 mm ( other diameters on request )
Bearings lifetime:	2x10 <sup>9</sup> rev. at 100% of full rated shaft load (minimum)
Operating temperature	-20...+85 °C
Storage temperature	-30 °C up to +90 °C
Weight approx.	250 g

### Pulse Diagram



### Accessories

**Connectors and cables**  
CRM1205 M12 4 poles female connector or see page 160

**Mounting coupling**  
PF481010 plastic or see page 158

**Mounting accessories**  
SF58B square flange or see page 156-157

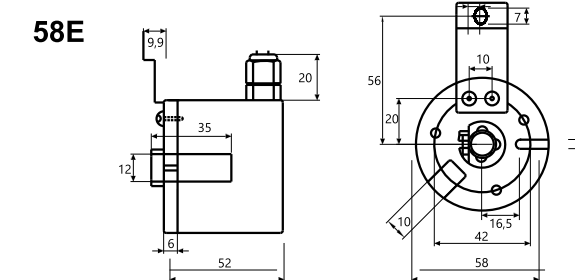
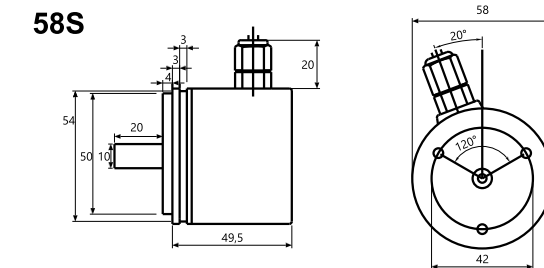
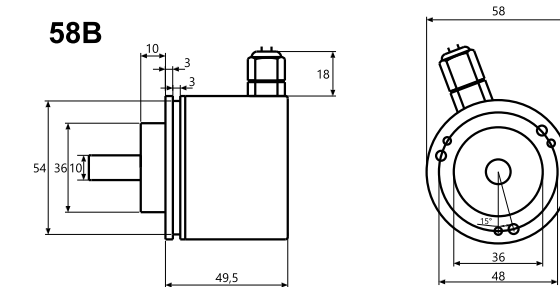
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Mechanical Dimensions  
Cable/Connector Wiring, Part Number

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### Mechanical Dimensions



### Encoder Part Number

