

Absolute - Solid Shaft - Single Turn

Specifications

Resolution	: 10 ... 16 bit
External Diameter	: 50 mm
Shaft Diameter	: 8 mm
Shaft Length	: 15 mm
Shaft Load	: Radial ≤20N, Axial ≤10N
Supply Voltage	: DC 5V 10 ... 30V
Interface -	: Synchronous Serial – SSI
	: Asynchronous – RS485 RS422 RS232
Baud Rate bps	: 115200 57600 38400 19200 9600 4800 2400
Refresh Rate Hz	: 2000 1000 500 400 200 100 50 20
Output Code	: Binary Code Gray Code
Slew Speed	: 3000 rpm
Termination	: Side Entry Cable Rear Entry Cable
Operating Temperature	: -40 ... +65°C
Protection Class	: IP64



Electrical Notes

When operating voltage is DC5V ± 5%

- a) Cable length should not exceed 2 meters
- b) The current of the power supply should not be less than 0.5A.
- c) The interference signal of the power supply should be within ± 50mV.

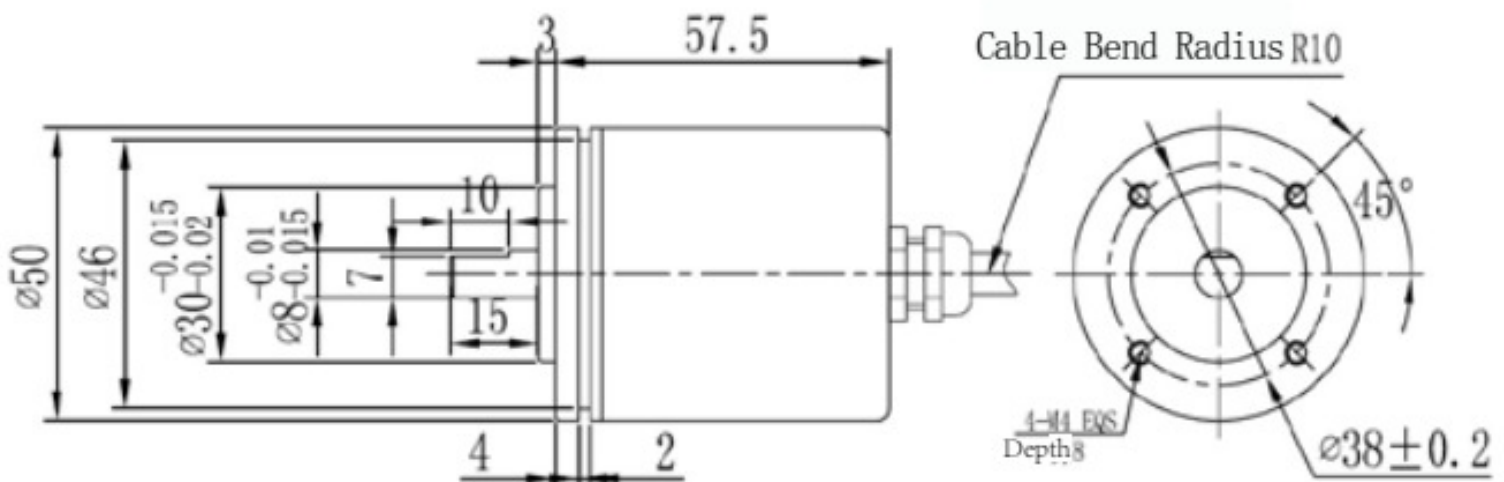
When operating voltage is 10-30V:

- a) The current of the power supply should not be less than 0.3A.
- b) The interference signal of the power supply should be within ± 50mV.

Asynchronous : Comm. Protocol

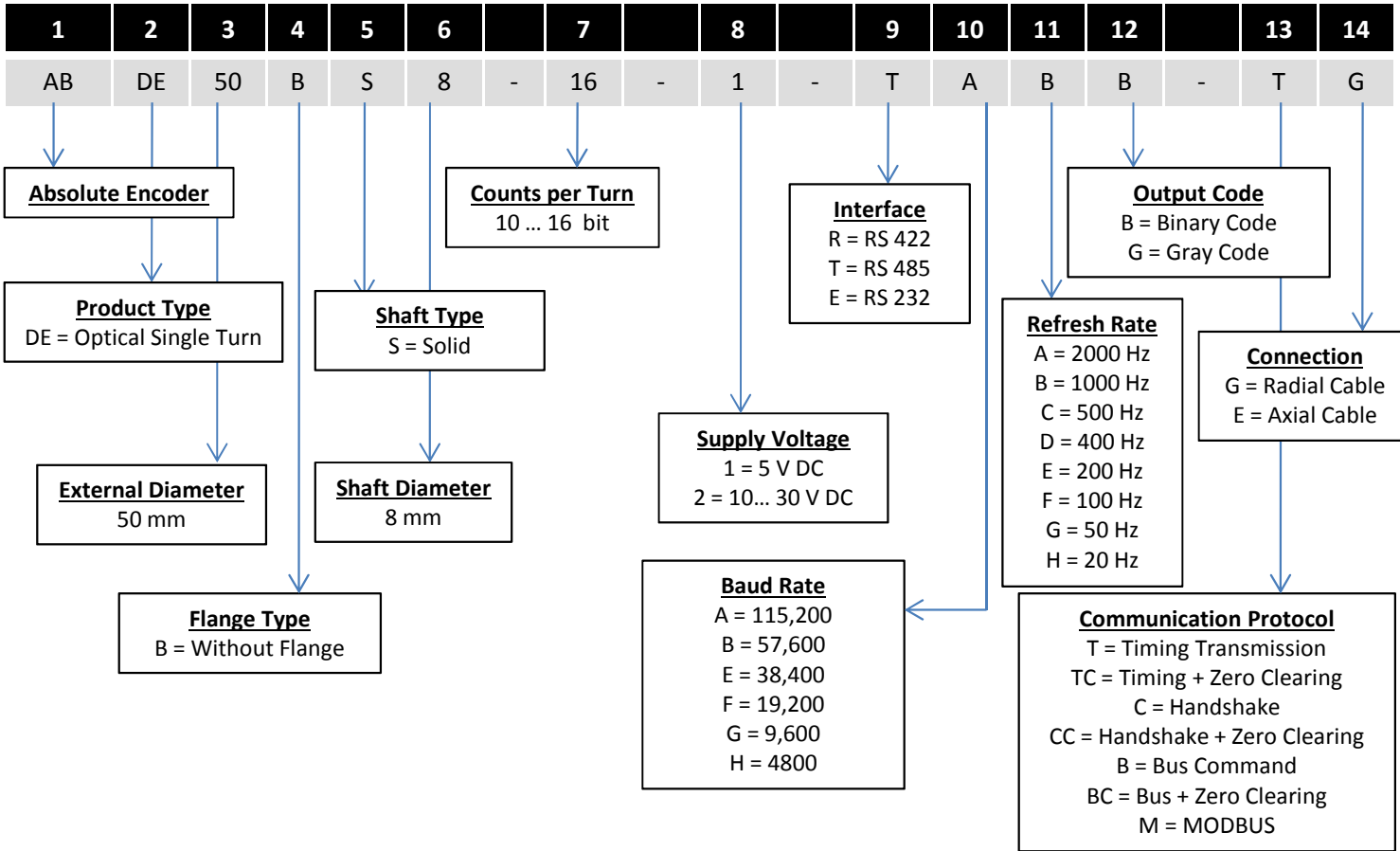
T	Timing Transmission
TC	Timing + Zero Clearing
C	Handshake
CC	Handshake + Zero Clearing
B	Bus Command
B	Bus + Zero Clearing
M	MODBUS

Dimensions



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Ordering Code : Asynchronous Serial



Ordering Code : Synchronous Serial

