

Absolute - Solid Shaft - Single Turn

Specifications

| | |
|-----------------------|---|
| Resolution | : 10 ... 16 bit |
| External Diameter | : 38 mm |
| Shaft Diameter | : 6 mm |
| Shaft Length | : 12.5 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%

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

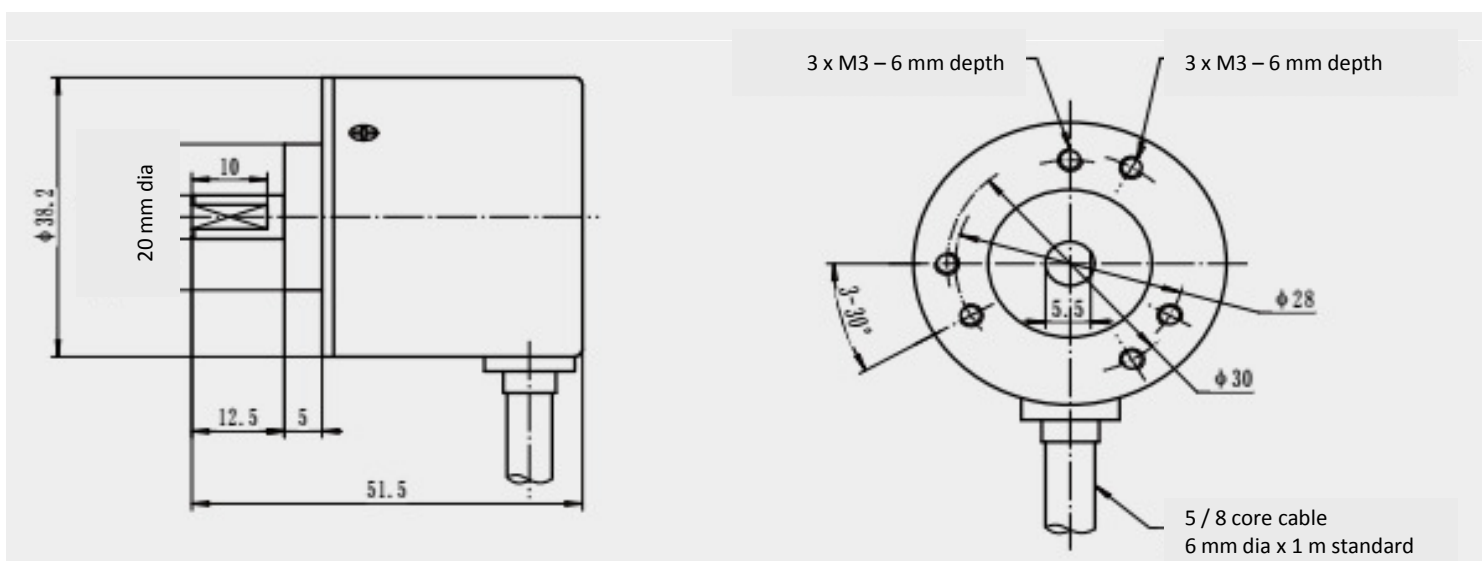
When operating voltage is 10-30V:

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

Asynchronous : Comm. Protocol

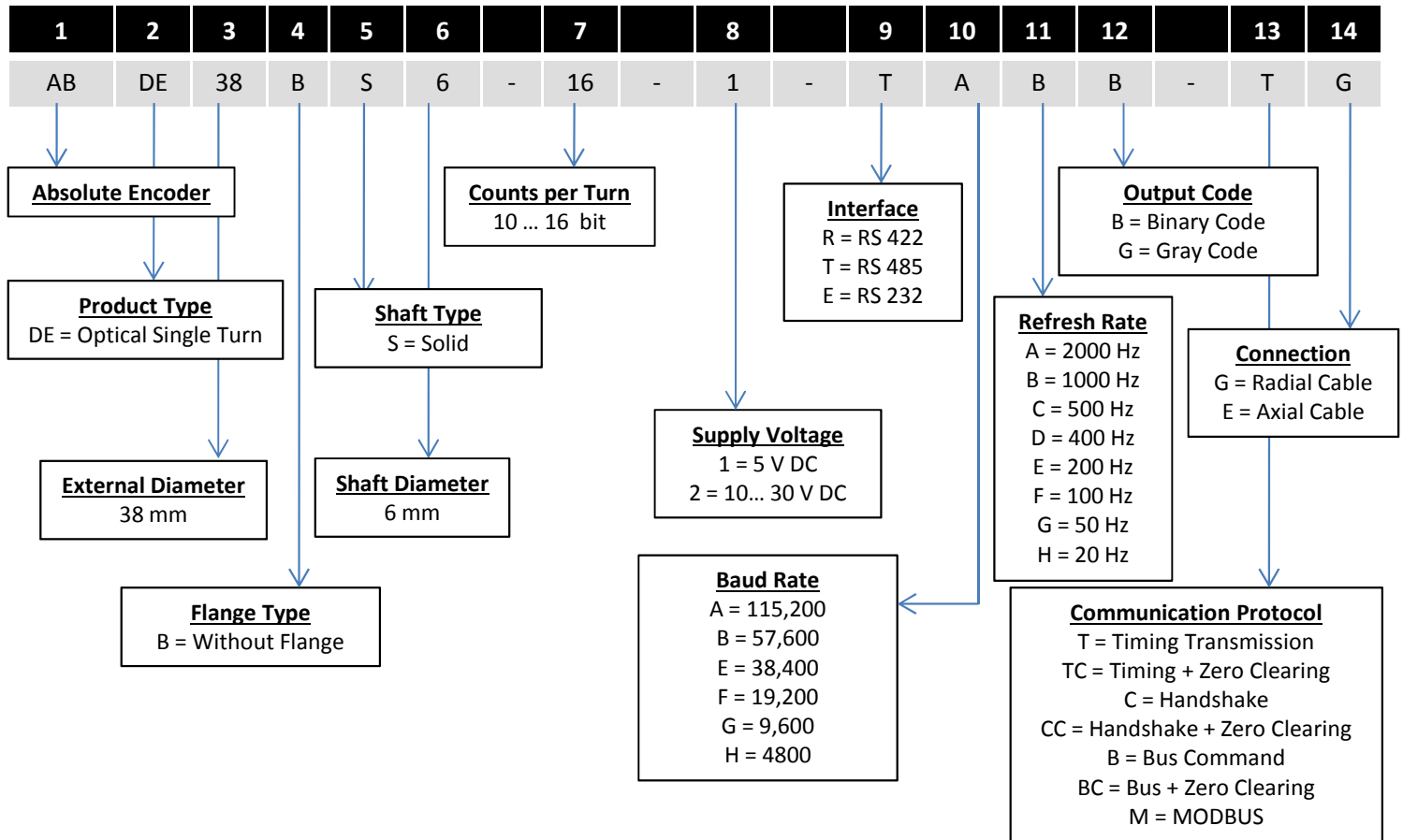
| | |
|----|---------------------------|
| T | Timing Transmission |
| TC | Timing + Zero Clearing |
| C | Handshake |
| CC | Handshake + Zero Clearing |
| B | Bus Command |
| B | Bus + Zero Clearing |
| M | MODBUS |

Dimensions



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Ordering Code : Asynchronous Serial



Ordering Code : Synchronous Serial

