

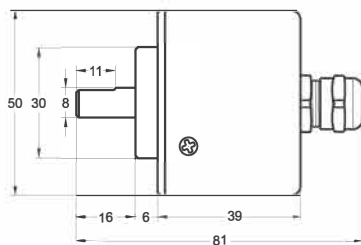
Magnetic Absolute Encoder Voltage Output

- 50 mm case diameter
- Magnetic absolute rotary encoder
- 5V/360° (standard), 5V/45°, 90°, 180°, 10 bit (optional)
- IP 54 protection
- Can be used as contactless potentiometer

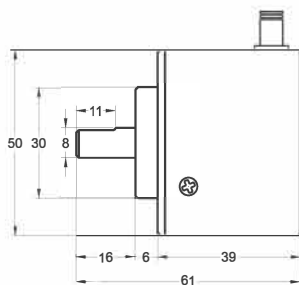


Technical Specifications

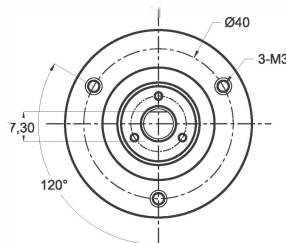
Type of Measurement	Magnetic absolute
Resolution	5V/360° (standard) 5V/45°, 90°, 180° / 10V/360° (standard) 10V/45°, 90°, 180°
Output Signal	Analogue
Output Type	Voltage output (0-5 VDC or 0-10 VDC) / Current output (0-20 mA or 4-20 mA)
Supply Voltage	8-24 VDC (0-5 VDC standard) 15-30 VDC (0-10 VDC standard) 15-30 VDC (0-20 mA/4-20 mA standard for current output)
Power Consumption (without load)	< 40 mA (24 VDC)
Electrical Connections	2.5 m cable (standard)
Max. Permissible Shaft Loading Radial	100 N
Axial	60 N
Max. Speed	1000 rpm
Shaft Diameter	Ø8 mm
Shaft Material	Stainless steel
Case Diameter	Ø50 mm
Case Material	Aluminium / Steel
IP Degree	IP 54
Operating Temperature	-20°C ... +80°C
Storage Temperature	-30°C ... +90°C



Shaft Type / Axial

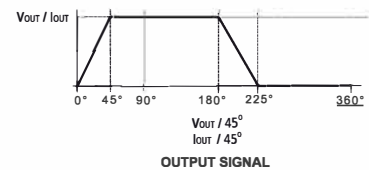
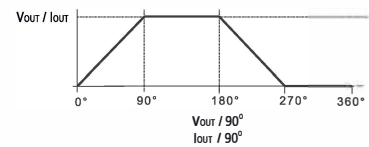
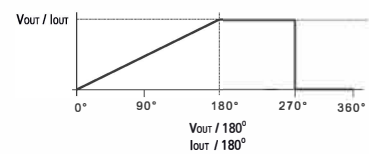
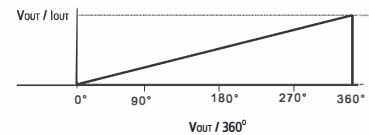
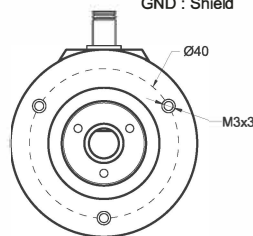


Shaft Type / Radial



Cable output

- +V : Brown
- 0V : White
- Vout : Yellow
- GND : Shield



Model	Case Diameter	Reference	Supply Voltage	Connector / Cable	Cable Output
(example) MRV	50A	5 V/360°	V2	2M5	R
MRV	50A : Standard case 50AW: Water proof	5 V / 360° 5 V / 180° 5 V / 90° 5 V / 45° 10 bit	V1: 5 VDC V2: 8-24 VDC	2M5: 2,5 meter cable 5M : 5 meter cable 8M : 8 meter cable 10M: 10 meter cable	R: Radial A: Axial