

## AHM5 - MAGNETIC ANALOG ABSOLUTE SINGLE TURN ENCODER

AHM5103L11360L2A

Absolute single-turn, ø58, ø10, 0-10 V, 15-30 V, M12 connector

- Diameter 58mm, shaft 10mm
- Resolution up to 12 bit
- Output 0-10 V, 0,5-4,5 V, 0-20 mA or 4-20 mA
- IP65, IP67 and IP69K available
- 2m connecting cable or M12 connector



### PRODUCT DESCRIPTION

AHM5 is a new magnetic absolute single turn encoders generation. It characterizes itself by its strong robustness of the mechanical and electro-magnetic parts.

- Application fields : agriculture, construction, forestry vehicles, medical applications, solar panels...
- Magnetic technology, contactless.
- Strong robustness with its reinforced bearing block and its stopped bearings.
- Available resolution up to 12 bits per revolution.
- Power supply from 10 to 30Vdc.
- Available output interfaces : 0..10V, 0.5..4.5V, 4..20mA.
- Available in option : Extended temperature range (up to -40..+125°C), IP67/IP69K...
- Also available : PWM, SSI and CANopen outputs.

### SPECIFICATIONS

Sensor type	Absolute
Housing diameter	58 mm
Shaft Diameter	10 mm
Resolution	Max. 12 bit
Connection Thread	M12
IP Class	IP65
Speed max.	6000 rpm
Supply Voltage DC Min	10 V DC
Supply Voltage DC Max	30 V DC
Temperature range from	-40 °C
Temperature range to	85 °C
Output	0-10V



