

## 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

<b>Sensor type</b>	Absolute
<b>Housing diametre</b>	58 mm
<b>Shaft Diameter</b>	10 mm
<b>Connection Thread</b>	M12
<b>IP Class</b>	IP65
<b>Speed max.</b>	6000 rpm
<b>Supply Voltage DC Min</b>	10 V DC
<b>Supply Voltage DC Max</b>	30 V DC
<b>Temperature range from</b>	-40 °C
<b>Temperature range to</b>	85 °C
<b>Output</b>	0-10V
<b>Version</b>	Singleturn



