

AHM3 - MAGNETIC ANALOG ABSOLUTE SINGLE TURN ENCODER

AHM3063L11360L2A

Absolute single-turn, ø30, ø6, 0-10 V, 15-30 V, M8 connector

- Diameter 30mm, shaft 6mm
- 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 M8 connector



PRODUCT DESCRIPTION

Magnetic analog absolute single-turn encoder, AHM3 range. Features:

- With its 30mm size and a 6mm solid shaft, AHM3 encoder characterizes itself by its strong robustness of the mechanical and electro-magnetic parts, it's the most compact really industrial encoder with a solid shaft.
- Application fields : agriculture, construction, forestry vehicles, medical applications, solar panels...
- Magnetic technology, contactless.
- 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. Also available : PWM, SSI and CANopen outputs.
- Available in option : Extended temperature range (up to -40..+125°C), IP67, angular ranges and output levels, redundancy...

SPECIFICATIONS

Sensor type	Absolute
Housing diameter	30 mm
Shaft Diameter	6 mm
Resolution	Max. 12 bit
Connection Thread	M8
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

