

## MHM5 ABSOLUTE SHAFT ENCODER

MHM510-PROF-001  
Absolute encoder, Profibus

- Diameter 58mm, shaft diameter 10mm
- Resolution (Max): 13x16 bits
- CANopen, DeviceNet, Ethercat, Ethernet/IP, Interbus, Modbus, Parallel, Profibus, Profinet
- IP64, IP66 available



### PRODUCT DESCRIPTION

### SPECIFICATIONS

<b>Sensor type</b>	Absolute
<b>Housing diameter</b>	58 mm
<b>Shaft Diameter</b>	10 mm
<b>Resolution</b>	Max. 13 bit resoluutiolle ja 12 bit kierroksille
<b>Connection Thread</b>	Screw terminal
<b>IP Class</b>	IP64
<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>	Profibus
<b>Version</b>	Multiturn

**PROGRAMMABLE PARAMETERS**

Operating Parameter	This parameter determines the counting direction, in which the output code increases or decreases. As an important operating parameter the code sequence (complement) can be programmed
Resolution per turn	value between 1 and 8192 can be programmed
Total resolution "Max range"	This parameter is used to program the desired number of measuring units over the total measuring range. This value may not exceed the total resolution of the absolute rotary encoder.
Preset Value	the preset value is the desired position value, which should be reached at a certain physical position of the shaft
Limit Switch, Min, and Max	Two position values can be programmed as limit switches. By reaching these values one bit of the 32 bit process value is set to high level
Cam	One free programmable cam can be set in the total measuring range

