

## MHM5 ABSOLUTE SHAFT ENCODER

MHM510-CANO-001

Absolute encoder, CANOpen

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

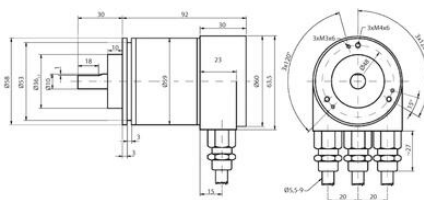


### PRODUCT DESCRIPTION

### SPECIFICATIONS

|                        |                                                  |
|------------------------|--------------------------------------------------|
| Sensor type            | Absolute                                         |
| Housing diameter       | 58 mm                                            |
| Shaft Diameter         | 10 mm                                            |
| Resolution             | Max. 13 bit resoluutiolle ja 12 bit kierroksille |
| Connection Thread      | Screw terminal                                   |
| IP Class               | IP64                                             |
| 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                 | CANOpen                                          |
| Version                | Multiturn                                        |

|                                 |                                                                                                                                                                                         |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Parameters            | 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<br>"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.  |
| Presel Value                    | The preset value is the desired position value, which should be reached at a certain physical position of the axis                                                                      |
| Limit Switch, Min and Max       | Two position values can be programmed as limit switches. By reaching these values one of the 32 bit process value is set to high level                                                  |
| Com                             | One free programmable com can be set in the total measuring range                                                                                                                       |



|                                 |                                                                                                                                                                                          |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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| Total resolution<br>"Max range" | This parameter is used to program the desired number of measuring units over the total measuring range<br>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 axis                                                                       |
| Limit Switch, Min and Max       | Two position values can be programmed as limit switches. By reaching these values one of the 32 bit process value is set to high level                                                   |
| Cam                             | One free programmable cam can be set in the total measuring range                                                                                                                        |

