MHM5 ABSOLUTE SHAFT ENCODER

MHM510-PROF-001
Absolute encoder, Profibus

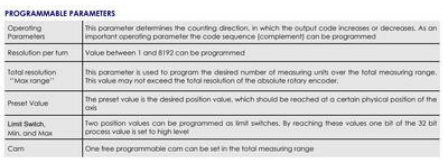


- Diameter 58mm, shaft diameter 10mm
- Resolution (Max): 13x16 bits
- CANopen, DeviceNet, Ethercat, Ethernet/IP, Interbus, Modbus, Parallel, Profibus, Profinet
- IP64, IP66 available

PRODUCT DESCRIPTION

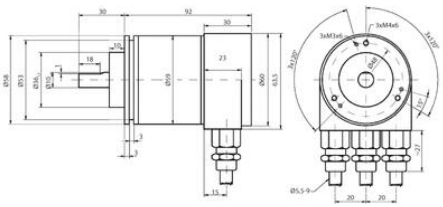
SPECIFICATIONS

Sensor type	Absolute
Housing diametre	58 mm
Shaft Diameter	10 mm
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	Profibus
Version	Multiturn



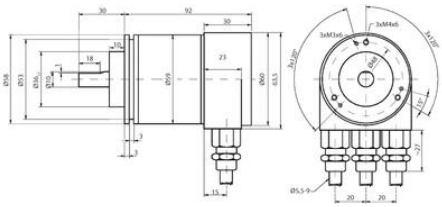
PROGRAMMABLE PARAMETERS

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 "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 axis
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



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30
92
30
10
18
23
Ø58
Ø53
Ø36
Ø30
Ø59
Ø60
63,5
3
1
15
3xM3x6
3xM4x6
Ø50
Ø5,5-9
20
20
10