

# iMotor = (motor + drive)<sup>5.0</sup>

## Analog inputs (customization possible)

Number of inputs	2
Input voltage / current	0-10V or 4-20mA via software setting
Max. input voltage / current	28V / 30mA
Input impedance	54 kOhm (voltage) 249 Ohm (current)
Voltage input PWM	PWM pulse 1-10kHz with duty cycle from 5%-100%
Resolution	12 bit, 2.63mV (0-10V) / 5.32µA (0-20mA) / 6.80µA (4-20mA)
Hardware accuracy	1%

## Analog outputs (customization possible)

Number of outputs	1
Output voltage / current	0-10V
Max. output	10V / 10mA
Short circuit current	32mA
Resolution	10 bit - 9,77mV
Max. load impedance	1 kOhm
Hardware accuracy	1%

## Digital inputs (customization possible)

Number of inputs	3
Input voltage	High: →5-28VDC Low: ←1VDC
Max. input voltage	+28VDC
Short circuit current	32mA
Resolution	10 bit - 9,77mV
Maximum load impedance	1 kOhm
Hardware accuracy	1%

## Remarks:

PTC set (150 °C) integrated

Cable connection mountable in three positions

## Relay (customization possible)

Number of relays	1 with NO/NC contact
Contacts	0.1 - 2 A/Max 250 VAC or 42 VDC for general Purpose or Resistive use only

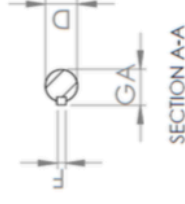
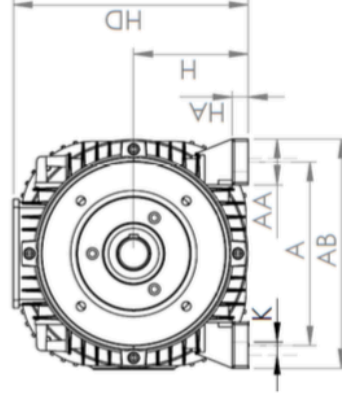
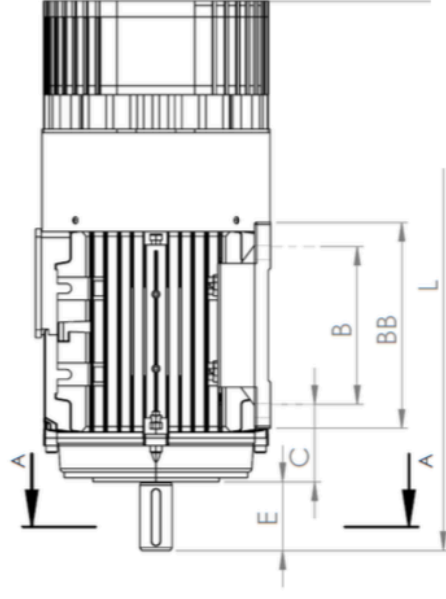
## Auxiliary Supply (customization possible)

+10V	+10 VDC @ 10 mA Short-circuit current +30 mA max
+24V	+24 VDC Short-circuit current, 50 mA max (together with Digital Outputs)

## Bus connections

RS232 (Modbus RTU)	Service port (flash programming & communication)
RS485 (Modbus RTU)	+24 VDC Short-circuit current, 50 mA max (together with Digital Outputs)

## Dimensions



IE3 ready

IE4 Induction / PMSM ready

