

Code ST05	Project E04-A	Release A	TECHNICAL DATASHEET
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CABLE AND ELECTRICAL CONNECTIONS

Encoder supplied with M23 (12 Pin) connector

CONNECTION (BI, SB, SG)		
Color	N. Pin	Signals
Brown	1	0 V
Pink	2	Data
Yellow	3	Clock
	4	n.c.
Blue	5	Direction *
Red	6	n.c.
Violet	7	n.c.
White	8	+ V
	9	n.c.
Grey	10	Data
Green	11	Clock
Black	12	0 V

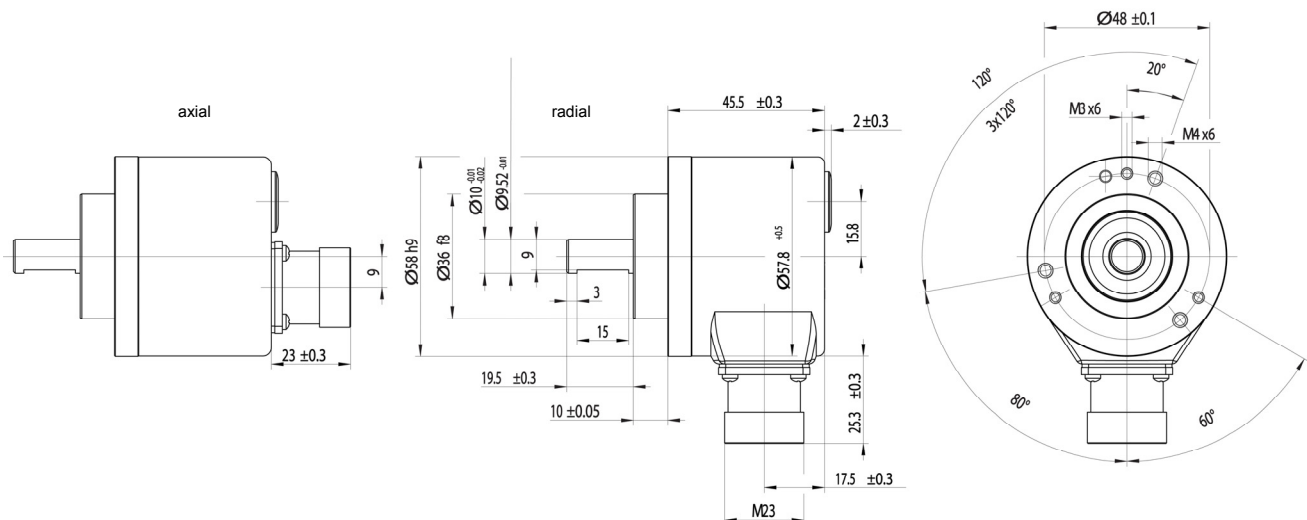
CONNECTION (SC, BC)		
Color	N. Pin	Signals
Brown	1	0 V
Pink	2	Data
Yellow	3	Clock
White/Green	4	A
Blue	5	Direction *
Red/Blue	6	B
Brown/Green	7	A
White	8	+ V
Grey/Pink	9	B
Grey	10	Data
Green	11	Clock
Black	12	Sense

Encoder supplied with M12 (8 Pin) connector

CONNECTION (BI, SB, SG)		
Color	N. Pin	Signals
White	1	+ V
Brown	2	0 V
	3	n.c.
Green	4	Clock
Pink	5	Data
Yellow	6	Clock
Blue	7	Direction *
Grey	8	Data

 * Not connected = ascending code values with clockwise rotation
 Connected to 0 V = descending code values with clockwise rotation

DIMENSIONS



WHAT TO AVOID

- Any mechanical working (cutting, drilling, milling, etc.).
- Any modification of the encoder body or shaft.
- Any improper use, not complying with the technical instructions provided by the Manufacturer.
- External shocks or stresses.

