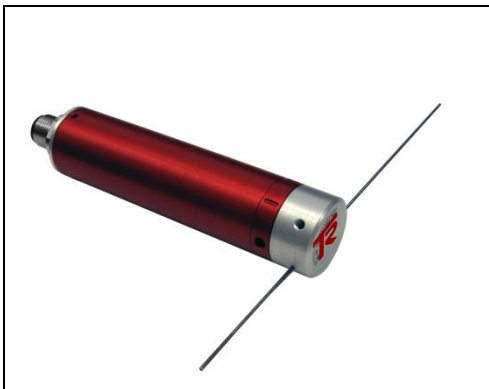


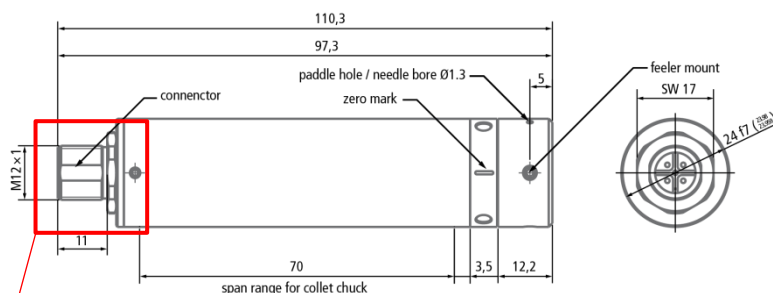
BQS 224 Sensor

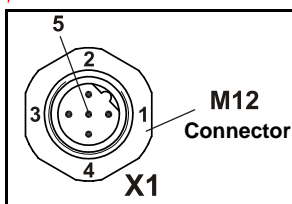


- IP 68
- Robust
- Compact
- Solid
- Masterly multi-stage sealing system
- Labyrinth seal with integrated cleaning function



Configuration



	X1	Flange connector (M12x1-5 pol. B-coded)
	1	Incremental INK_A
	2	Supply Voltage +15V
	3	Ground GND
	4	Motor controller
	5	Inkremental INK_B

Attributes

Protection class..... IP68
 Housing Aluminum, eloxed
 Service life Up to 10 Mio. cycles
 Scanning angle 15°...300° both sides
 Immunity to interference..... DIN EN 61000-4-4
 Ambient temperature..... 0...80°C

Dimensions

Length..... 236.5 mm
 Diameter 24 mm
 Weight (with tactile probe)..... 128.8 g

Supplies

Order code

Paddel: 49 931 005
 Connection cable 2 m: 620 001 587
 Connection cable 5 m: 620 001 614

Collect chuck BQS
 drill breakage control:..... 49 931 006
 BQS flange plate 30x5x50:..... 49 931 007
 Screw M4x10: 27 003 037

Electromagnetic compatibility (EMC)

Part 4-4: Testing and measurement techniques

Testing and measurement techniques - Electrical fast transient/burst immunity test (IEC 61000-4-4:2012); German version EN 61000-4-4:2012

Manual for removal of the feeler mount:

To remove the feeler mount you have to release unscrew 2 of the 3 lined up M3x5 DIN915 Allen screws and gently pull the needle. Please be careful with the internal adjusting washer. It is absolutely necessary for the smooth running of the sensor.

BQS 224 Sensor

Drawing

