

dametric 

POT-50

VAL0103227 / SKC9069808



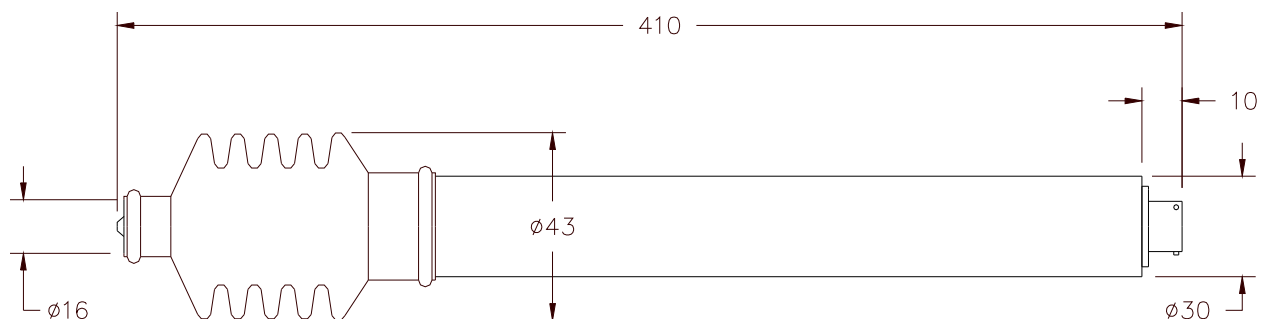
POSITION TRANSDUCER (50 mm)

FOR THE RMS-SYSTEM
USERS MANUAL

Valmet 

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1 OUTLINE DRAWING**2 DESCRIPTION OF OPERATION**

The Position Transducer (POT-50) together with the Position Monitor (POM-RM1), forms a measurement unit for the axial position of the rotor of a refiner.

The transducer consists of body and an axially sliding rod. The rod is forced to its fully outer position by a spring.

The body is attached to the refiner stand, with the end of the rod placed toward a point on the rotor.

3 TECHNICAL SPECIFICATION

Article no:	POT-50 / VAL0103227 / SKC9069808
Measuring length:	50 mm
Outline dimension:	L=312 mm, D=30 mm
Connector:	7-pole with bayonet, for the K-POT25 cable
Weight:	0.75 kg
Spring force:	7 – 20 N

4 CALIBRATION

The unit must be calibrated together with the transducer. For adjustments, see the CALIBRATION MANUAL for the actual RMS-system.

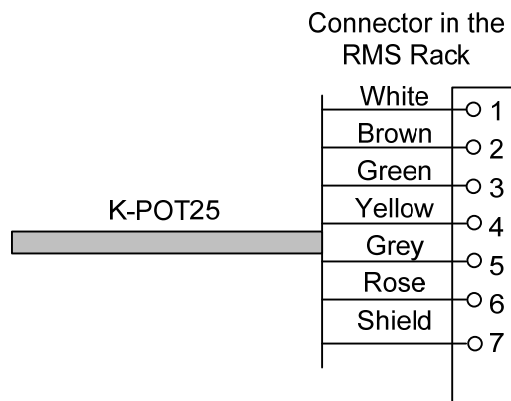
5 CONNECTION DIAGRAM

The transducer is connected to the RMS rack by the cable K-POT25 according to the figure.

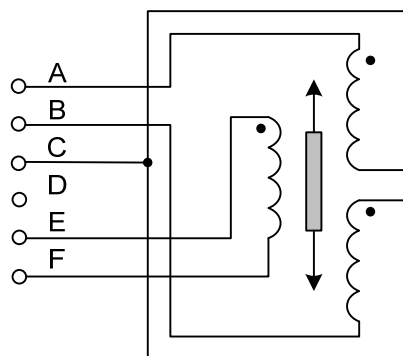
Note!

For inverted indication (0 mm in the released position and 50 mm when the rod is pushed in), the white and the brown wires should be alternated.

The sensor must be then be recalibrated.



6 INTERNAL SCHEMATIC DIAGRAM



7 CONTACT

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