Measurement Shaft Kit 50 Nm

Torque Measurement System consisting of:

- Torque measuring shaft with integrated Rotor Antenna
- Evaluation Unit
- Documentation

Measurement System:

- Measuring range: 50 N·m
- Signal resolution: 16 Bit
- Linearity and hysteresis: <0.25%
- Distance rotor to evaluation unit: 0.5 ... 5 mm
- PCM technique
- Maintenance-free
- Integrated Remote Shunt Calibration function

MANNER®
SENSORTELEMETRIE

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Shaf (MW_50NM):

- Number of channels: 1
- Strain gauge bridge integrated
- Measuring range: 50 N·m
- Signal bandwidth: 0 ... 1 kHz
- Zero and gain drift: ±0.05%/°C
- Dimensions: Ø25 mm, 120 mm
- Rotational speed range: 0 ... 10,000 1/min
- Temperature range: -10 ... +55°C
- Protection class according to EN 60529: Ip42

Evaluation Unit and Antenna (AW_DAnt)

- with integrated PickUp (stator antenna)
- Number of channels: 1
- Analog output voltage: 0 ... ±10 V / 50 ohms
- Signal bandwidth: 0 ... 1 kHz
- Zero and gain drift: ±0.05%/°C
- Supply voltage: 24 VDC ±10%, 220 mA
- Connection: D-SUB-9 plug
- Dimensions: 90 x 50 x 22 mm
- Temperature range: -10 ... +55°C
- Protection class according to EN 60529: IP42

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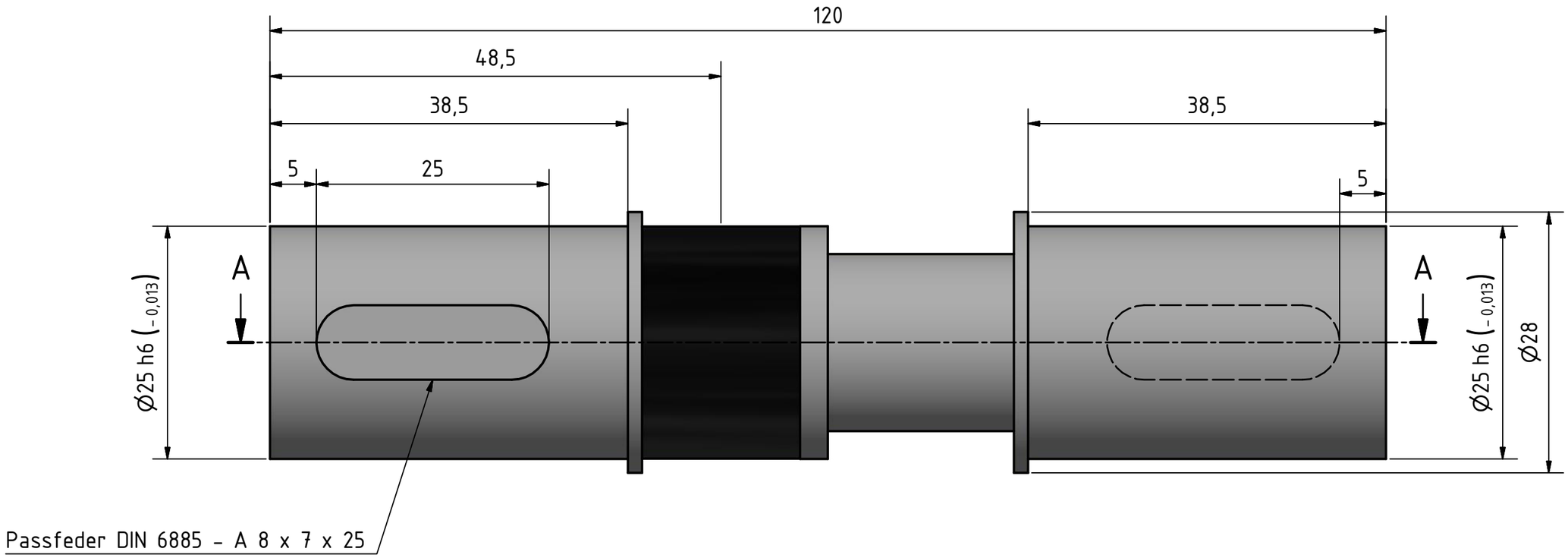
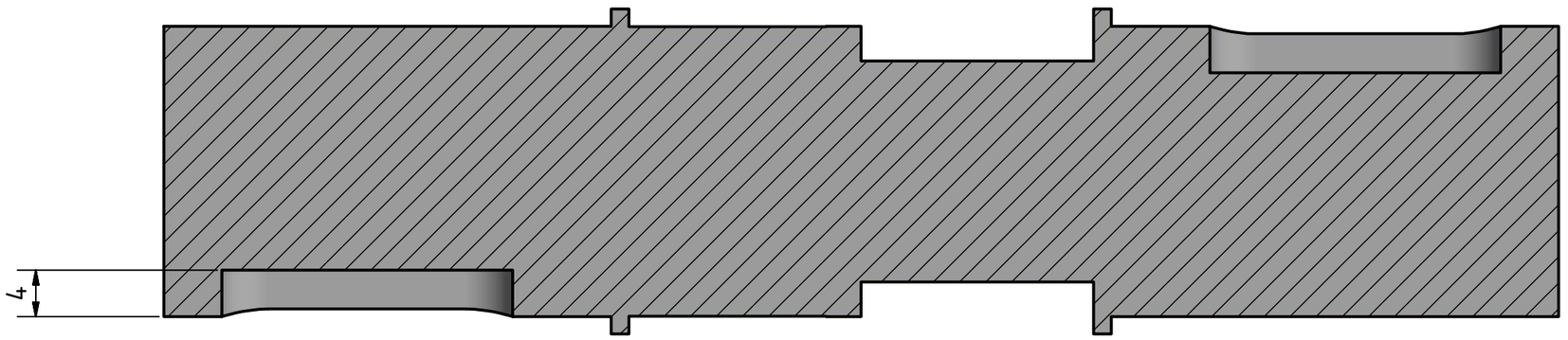
Cable (VKab_Dana_Kal):

- Cable length: 2 m
- Connector: D-SUB-9 socket
- with integrated button to check the calibration

Included in delivery

- Torque Measuring MW_50NM
- Evaluation Unit AW_DAnt
- Supply and data cable with D-SUB-9 socket
  Cable length: 2 m
  with integrated button to check the calibration
  for systems with analog data output
- Calibration protocol
- Documentation on USB





				Allg.-Toleranzen ISO 2768-mK		Oberfläche ISO 1302	
"Schutzvermerk nach DIN 34 beachten" Werkstückkanten DIN 6784				Form- u. Laget. DIN ISO 1101			Werkstoff: Manner Messstahl
					Datum	Name	
				Gezeichnet	30.10.2019	Lander	HSMW-50
				Kontrolliert			
				Norm			
							50 N·m / 1 / A3
Status	Änderungen	Datum	Name				