

Specifications ODS 3000

MEASUREMENT DATA:

Distance to centre of measuring range	3000 mm
Measuring range	2000 - 4000 mm
Resolution*	0,2 mm
Reproducibility*	± resolution
Linearity*	± 0.08 % of F.S.
Measuring frequency	500/1000 Hz
Temperature deviation	± 0.03 % of F.S.
Semiconductor laser	670 nm, 5 mW
Laser protection class	IEC II
Size of light spot	Ø 5 mm
• Referring to measurements on white paper	
• F.S. Full Scale = 300 mm	

ELECTRICAL DATA:

Supply voltage (max ripple 5 %)	24 V DC ± 10 %
Power consumption, max	4,5 W
Serial interface	RS 232C
Baud rate	38400 baud
Voltage output	1 - 9 V DC
Current loop output	4 - 20 mA

PHYSICAL DATA

Dimensions W x H x D in mm	230 x 70 x 200
Weight excl. cable	app. 3,6 kg
Cable dimension	Ø 8 mm
Type of cable	7 x 2 x 0.14 mm ²
Cable length	2.5m
Housing	steel/aluminium

ENVIRONMENT DATA

Operating Temperature	0 ... +45° C
Storage temperature	-20 ... +50° C
Humidity (non condensing)	max 90 % rH
Degree of protection	

Specifications are subject to change without notice