

Professional Line	15189 analog
ID No.:	00.15189.002050 Sensor with 2 cm ³ rocker, unheated 00.15189.004050 Sensor with 4 cm ³ rocker, unheated 00.15189.402050 Sensor with 2 cm ³ rocker, heated 00.15189.404050 Sensor with 4 cm ³ rocker, heated
Measuring ranges:	2 cm ³ : (2 g) rocker volume - 0.1 mm · 4 cm ³ : (4 g) rocker volume - 0.2 mm
Accuracy:	± 2%
Resolution:	2cm ³ : 0 ... 8 mm / min · 4cm ³ : 0 ... 16 mm / min
Analog output:	0 ... 20 mA = factory setting · 4 ... 20 mA · 0 ... 5/10 V - adjustable current consumption ≤ 40 mA · supply voltage 18 ... 30 VDC · maximum load 600 Ω
Pulse output:	for linearized, debounced output signal · With deactivated analog output: current consumption max. 100 µA · typically 50 µA · supply voltage 5 ... 30 VDC · switching load max. 30 VDC / max
Collecting area:	200 cm ² / WMO standard
Areas of application:	unheated: 0 ... + 70 ° C measuring (frost-proof down to -20 ° C) heated: -20 ... + 70 ° C - does not freeze - does not blow away
Measuring elements:	Tipping bucket · Precision stainless steel rocker according to Joss-Tognini on cutting bearings
Construction:	Mounting tube Ø 60 mm
Heating data:	electronically controlled 2-circuit heating · control temperature 4 ± 2 ° C in the range of -20 ... + 4 ° C heating power 150 W · supply voltage 24 VDC
Dimensions:	H 292 mm · Ø 190 mm
Casing:	Anodized aluminum
Weight:	approx. 3 kg
Standards and norms:	WMO-No. 8 · VDI 3786 sheet 7 · EN 50081/82 · VDE 0100
Accessories (order separately):	32.15188.061090 Sensor cable 4-wire, 7 m 00.15091.600XXX Wind protection according to Tretjakov for measuring heights 1 m, 1.5 m and 2 m 32.15180.023020 Bird repellent ring 00.14966.200000 Power supply unit for heated sensors 32.15188.061020 Cable for power supply unit 4-wire, 1 m