

Professional Line	rain [e] Modbus
ID No.:	00.15184.000100 rain [e] Modbus, unheated • 00.15184.400100 rain [e] Modbus, heated
Measuring ranges:	(0.005... ∞ mm) without limitation
Amount of accuracy:	2%
Amount resolution:	0.001 mm (pulse output: 0.01 mm)
Intensity range:	0... 10 mm / min or 0... 600 mm / h
Intensity resolution:	0.001 mm / min or 0.001 mm / h
Output:	RS-485 (ASCII protocol, TALKER protocol) • Modbus RTU (default) 2 pulse outputs for linearized, bounce-free output signal Status output (configurable, e.g. rain yes / no or heating on / off) Analog output 0/4 ... 20 mA (0 ... 2.5 / 5 V)
Collecting area:	200 cm ²
Environmental conditions:	0 ... + 70 ° C (unheated), -40 ... 70 ° C (heated, no icing, no snow drift)
Supply voltage:	9.8 ... 32 V DC unheated 24 V DC / 2 heating circuits: 80 W (funnel) and 60 W (drain / rocker)
Power consumption:	max. 45 mA with 24 V supply and analog output typ. 7.5 mA with 24 V supply and deactivated analog output typ. 12.5 mA at 12 V
Target temperature (heating):	+2 ° C surface temperature funnel
Measuring principle:	weighing, with automatic self-draining
Dimensions:	292mm x 190mm (H x D)
Protection class:	IP67
Weight:	approx. 2.5 kg
Standards and norms:	WMO-No. 8 • VDI 3786 sheet 7 • EN 61000-2, -4 • EN 61000-4-2, -3, -4, -5, -6, -11 • NAMUR NE-21
Accessories (order separately):	00.15091.600XXX Tretjakov windshield for measuring heights 1 m, 1.5 m and 2 m 32.15180.023020 Bird repellent ring 32.14567.060010 Sensor cable, 15 m, 4-pin, M12 connector 32.14567.060000 Sensor cable, 12 m, 4 -pin, M12 plug 32.15184.061010 power connection cable for sensor heating, 10 m 32.15184.061000 power connection cable for sensor heating, 1 m