

Professional Line	rain [e] 400
ID No.:	00.15184.004000 rain [e] 400, unheated 00.15184.404000 rain [e] 400, heated
Measuring ranges:	without limitation (0.0025 ... ∞ mm)
Amount of accuracy:	± 0.1 mm or ± 1% at <3 mm / min and ± 2% at ≥ 3 mm / min
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:	• SDI-12 · RS-485 (SDI-12 protocol, ASCII protocol, TALKER protocol) • 2 pulse outputs for linearized, bounce-free output signal • Status output (configurable, eg rain yes / no or heating on / off) • Analog Output 0/4 ... 20 mA (0 ... 2.5 / 5 V)
Collecting area:	400 cm ²
Environmental conditions:	0 ... + 70 ° C (unheated), -40 ... 70 ° C (heated, no icing, no snow drift)
Supply voltage:	unheated: 9.8 ... 32 VDC heated: 24 VDC / 2 heating circuits: 150 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 with 12 V
Target temperature (heating):	+2 ° C surface temperature funnel
Measuring principle:	weighing, with automatic self-draining
Construction:	Mounting mast Ø 60 mm
Dimensions:	311 mm x 256 mm (H x D)
Protection class:	IP67
Weight:	approx. 4 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 wind protection for measuring heights of 1 m, 1.5 m and 2 m 32.15180.022040 Bird repellent ring for rain [e] 400 32.15184.060000 Sensor cable, 10 m, 8-pin, M12 plug 32.15184.061000 Power connection cable for Sensor heating, 1 m