

Professional Line	rain [e] H3
ID No.:	00.15184.540020
Measuring ranges:	without limitation (0.005 ... ∞ mm)
Accuracy:	± 0.1 mm or ± 1% at <6 mm / min and ± 2% at ≥ 6 mm / min
Amount of accuracy:	± 0.1 mm or ± 1% at <6 mm / min and ± 2% at ≥ 6 mm / min
Amount resolution:	0.001 mm
Intensity range:	0... 20 mm / min or 0... 1200 mm / h
Intensity resolution:	0.001 mm / min or 0.001 mm / h
Output:	<ul style="list-style-type: none"> • 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:	200 cm ²
Environmental conditions:	-40 ... + 70 ° C (no icing, no snow drift)
Supply voltage:	9.8 ... 32 V DC
Power consumption:	Typ. 7.5 mA with 24 V supply, without Ethernet with RS485 · Typ. 12.5 mA with 12 V · max. 150 mA with 12 V supply with Ethernet
Target temperature (heating):	+2 ° C funnel surface temperature · ± 1 ° C
Measuring principle:	weighing, with automatic self-draining
Construction:	Mounting mast Ø 60 mm
Heating data:	electronically controlled, ring heating (70 W), funnel heating (70 W) and drain (60 W)
Dimensions:	377mm x 190mm (H x D)
Protection class:	Load cell: IP67; Housing: IP64
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 32.15180.022020 Bird repellent ring for rain [e] H3 32.15184.060000 Sensor cable, 10 m, 8-pin, M12 plug 32.15184.061000 Power connection cable for Sensor heating, 1 m