

General specifications							
Device name	NOTOS						
Model name	LFT3						
Order number	83.xxx						
Measuring ranges	<ul style="list-style-type: none"> • 20 Nml/min • 30 Nml/min • 200 Nml/min • 300 Nml/min • 2000 Nml/min • 3000 Nml/min 						
Accuracy	± 1% rd. + 0,5% fs.						
Dynamics	1:10 (10...100%)						
Resolution (switchable)	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>0,001 / 0,01 Nml/min</td> <td>0,001 / 0,01 Nml/min</td> </tr> <tr> <td>0,01 / 0,1 Nml/min</td> <td>0,01 / 0,1 Nml/min</td> </tr> <tr> <td>0,1 / 1 Nml/min</td> <td>0,1 / 1 Nml/min</td> </tr> </table>	0,001 / 0,01 Nml/min	0,001 / 0,01 Nml/min	0,01 / 0,1 Nml/min	0,01 / 0,1 Nml/min	0,1 / 1 Nml/min	0,1 / 1 Nml/min
0,001 / 0,01 Nml/min	0,001 / 0,01 Nml/min						
0,01 / 0,1 Nml/min	0,01 / 0,1 Nml/min						
0,1 / 1 Nml/min	0,1 / 1 Nml/min						
Additional selectable units	l/h, cm ³ /min, cm ³ /sec, in ³ /min						
Adjustable gas standards	<ul style="list-style-type: none"> • Din 1343 – (1013mbar / 0°C) • Din 102 – (981mbar / 20°C) • 936mbar / 20°C • 1013mbar / 20°C • 760mmHg / 25°C • ISO 2533 – (1013mbar / 15°C) 						
Sensor technology	Unidirectional sensor, temperature compensated						
Flow direction	Only positive flow Calibrated at DIN 1343						

Signal outputs	
Digital output	USB serial converter integrated, bidirectional communication

Power supply	
Internal power supply	Li-Ion Akku / 3,6V / 2600 mAh
External power supply	5 DC / regulated, via USB port
Max. battery life	20 hours
Charging time	<ul style="list-style-type: none"> • 6 to 7 hours (switched off) • 8 to 9 hours (switched on) Max. charging time 10 hours (automatic shutdown)
Max. charging current	600 mA

Operating limits	
Temperature range	0...50°C
Max. permissible flow	20 l/min
Max. permissible both side pressure	<ul style="list-style-type: none"> • 25 PSI • 100 PSI – optional*
Warm-up time	30 min min for optimal results
Medium	Air and dry, non corrosive gases

USB interface	
USB port	USB type B / mini
Transmission parameters	Baud rate: 9600 Data bits: 8 Stop bits: 1 Parity: none Flow control: Xon / Xoff

Mechanical properties	
Pressure connections	Threaded nozzles hose connection: <ul style="list-style-type: none"> • 6/4 (4mm inside) – standard Hose connection with union nut: <ul style="list-style-type: none"> • 6/4 (4mm inside)
Dimensions	175 x 90 x 45 mm 175 x 115 x 45 mm (with control valve)
Weight	440 g 510 g (with control valve)
Enclosure material	Aluminium
Protection class	None

Scope of supply	
Accessories (included)	<ul style="list-style-type: none"> • USB power adapter: 5VDC 1000mA • USB cable: type A <> mini type B • Hard carrying casea

Options	
Control valve	High precision control valve for manual flow adjustment

* On request (not available for all devices / see onlineshop)