

General specifications							
Device name	EURUS 2.0 - flow						
Model name	LFA1						
Order number	6.xxx						
Measuring ranges	<ul style="list-style-type: none"> • 10 Nml/min • 20 Nml/min • 30 Nml/min • 100 Nml/min • 200 Nml/min • 300 Nml/min • 1000 Nml/min • 2000 Nml/min • 3000 Nml/min 						
Accuracy	± 1% rd. + 0,5% fs.						
Dynamics	1:10 (10...100%)						
Resolution (switchable)	<table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">0,001 / 0,01 Nml/min</td> <td>up to 30 Nml/min</td> </tr> <tr> <td>0,01 / 0,1 Nml/min</td> <td>up to 300 Nml/min</td> </tr> <tr> <td>0,1 / 1 Nml/min</td> <td>up to 3000 Nml/min</td> </tr> </table>	0,001 / 0,01 Nml/min	up to 30 Nml/min	0,01 / 0,1 Nml/min	up to 300 Nml/min	0,1 / 1 Nml/min	up to 3000 Nml/min
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0,01 / 0,1 Nml/min	up to 300 Nml/min						
0,1 / 1 Nml/min	up to 3000 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						

Data logging	
Adjustable period	<ul style="list-style-type: none"> • minimum 1 sec. • maximum 59 min. + 59 sec.
Type of storage	<ul style="list-style-type: none"> • Text file
Storage medium	<ul style="list-style-type: none"> • USB stick FAT32 formatted

Power supply	
Power supply	5V DC / regulated
Power consumption	Typical 850mA
Electrical connection	Mini-USB connector

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

Mechanical properties	
Pressure connections	Hose connection with union nut: <ul style="list-style-type: none"> • 6/4 (4mm inside) – standard Plug-in hose connection: <ul style="list-style-type: none"> • 6/4 (4mm inside)
Dimensions	242 x 170 x 50 mm (plus control valve, pressure ports and USB stick)
Weight	1200 g (depending equipment)
Enclosure material	Aluminium, ASA+PC-FR
Protection class	<ul style="list-style-type: none"> • None (version with control valve) • Splash-proof IP65 (without control valve)

Scope of supply	
Accessories (included)	<ul style="list-style-type: none"> • Connector 4-polig, incl. cabel 2m, type Conec SAL8 (SAL8 RS42) • USB power adapter: 5V DC 2000mA • USB cable: type A <> Mini type B

Options	
Wall mount	For hanging mounting
Desk stand	For a 12 ° inclination

* On request (not available for all devices)