

General specifications							
Device name	EURUS 2.0 - pressure						
Model name	LDA1						
Order number	63.xxx						
Measuring ranges	<ul style="list-style-type: none"> • 10 mbar - difference • 20 mbar - difference • 50 mbar - difference • 100 mbar - difference • 200 mbar - difference • 500 mbar - difference • 1000 mbar – difference • 2000 mbar - difference • 5000 mbar - difference 						
Accuracy	± 0,5% rd. + 0,5% fs.						
Dynamics	1:10 (10...100%)						
Resolution (switchable)	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">0,001 / 0,01 mbar</td> <td style="width: 50%;">up to full scale 50 mbar</td> </tr> <tr> <td>0,01 / 0,1 mbar</td> <td>up to full scale 500 mbar</td> </tr> <tr> <td>0,1 / 1 mbar</td> <td>up to full scale 5000 mbar</td> </tr> </table>	0,001 / 0,01 mbar	up to full scale 50 mbar	0,01 / 0,1 mbar	up to full scale 500 mbar	0,1 / 1 mbar	up to full scale 5000 mbar
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0,01 / 0,1 mbar	up to full scale 500 mbar						
0,1 / 1 mbar	up to full scale 5000 mbar						
Additional selectable units	kPa, PSI, Torr, inHg						
Sensor technology	Piezoresistive sensor, temperature compensated						
Pressure direction	Bi- or unidirectional sensor The positive overpressure at port P+ is calibrated						

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 pressure	Measuring ranges up to 100 mbar: 10 x full scale Measuring ranges up to 2 bar: 2 x full scale Measuring ranges up to 5 bar: 7 bar
Warm-up time	10 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 pressure ports and USB stick)
Weight	1200 g (depending equipment)
Enclosure material	Aluminium, ASA+PC-FR
Protection class	Splash-proof IP65

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)