

General specifications		
Device name	CARBAS.ext	
Model name	LET3	
Order number	43.xxx	
Measuring ranges	B+B stainless steel sensor external	
	-1...0 bar - relative	
	-1...1 bar - relative	
	0...1,6 bar - relative	
	0...2,5 bar - relative	1 bar - absolute
	0...4 bar - relative	2 bar - absolute
	0...6 bar - relative	5 bar - absolute
	0...10 bar - relative	10 bar - absolute
	0...16 bar - relative	20 bar - absolute
	0...25 bar - relative	50 bar - absolute
	0...40 bar - relative	
	0...60 bar - relative	
0...100 bar - relative		
Accuracy	± 0,5% rd. + 0,5% fs.	
Dynamics	1:10 (10...100%)	
Resolution (switchable)	0,001 / 0,01 bar	up to full scale 1 bar
	0,01 / 0,1 bar	up to full scale 10 bar
	0,1 / 1 bar	up to full scale 100 bar
Additional selectable units	kPa, PSI, Torr, inHg	
Sensor technology	Stainless steel sensor, see B+B data sheet	

Signal outputs	
Digital output	USB serial converter integrated, bidirectional communication

Power supply	
Internal power supply	Li-Ion Akku / 3,6V / 750 mAh
External power supply	5 DC / regulated, via USB port
Max. battery life	15 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	-20...+80°C
Max. permissible pressure	See the B+B data sheet
Warm-up time	10 min for optimal results
Medium	See the B+B data sheet

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	G1/4" male thread
Dimensions	170 x 90 x 40 mm
Weight	260 g
Enclosure material	ABS
Sensor material	Steinless steel 1.4305
	Sealing: Viton ® (FKM 80)
Protection class	Device: splash-proof IP65
	Sensor: see the B+B data sheet

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

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