

General specifications		
Device name	SOLANUS.ext	
Model name	LET1.ext / LET1d.ext	
Order number	40.xxx / 41.xxx (LCD-version)	
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	
Voltage output	• 0..10V
Current output (optional)	• 4...20mA
Digital output	USB serial converter integrated, bidirectional communication

Power supply	
Power supply	12V...24V DC / regulated
Power consumption	Typical 55mA at 12V, 40mA at 24V plus current output
Electrical connection	4 pin. connector, type Conec SAL8

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	155 x 80 x 70 mm
Weight	400 g
Enclosure material	ABS
Sensor material	Stainless steel 1.4305 Sealing: Viton ® (FKM 80)
Mounting position	Any
Protection class	Device: splash-proof IP65 Sensor: see the B+B data sheet

Scope of supply	
Accessories (included)	Connector 4-pin, incl. Cabel 2m, Type Conec SAL8 (SAL8 RS42)

Options	
LCD display	Large graphics display
USB interface	External IP65 protected USB interface
Current output	• 4...20mA
Digital output	Bluetooth, virtual com-port
Enclosure	Tool-less opening

* On request (not available for all devices)