

## Technical Data

<b>SEBALOG D-U</b>	
Measuring Interval	1 min - 60 min
Communication	Short Range Radio 868 MHz (Europe) 913/916 MHz (depending on country) Mobile Radio (GSM/GPRS/LTE) 850/900/1800/1900/2100 MHz
Alarm	Via SMS and E-Mail, additional data upload to FTP server
Operating Time	Approx. 12 months (with 10 min measuring interval, actual duration depending on use)
Temperature range	-20 °C...+60 °C
Power Supply (external)	11...16 V DC
Power Supply (internal)	2 Lithium Battery Type Saft LSH 20 (3,6 V)
Channels	1 Flow Measuring Channel 1 Pressure Measuring Channel 2 In/Output Channels (Optional)
Interfaces Flow Measuring Channel	RS485 (only for FLUXUS F501) 4-20 mA Current Interface 0-10 V Power Input
Interfaces Pressure Measuring Channel	4-20 mA Current Interface (Can be supplied by SEBALOG D-U) 0-10 V Power Input (Can be supplied by SEBALOG D-U)
<b>FLUXUS F501 - EnergySaver M/K</b>	
Flow Velocity	0,01... 25 m/s
Pipe Diameter	M: 80 - 400 mm / K: 400-3100 mm
Repeatability	0,25 % of measured value ± 0,01 m/s
Accuracy	± 1,5 % of measured value ± 0,01 m/s
Dimensions	180 x 140 x 71 mm
Weight	1,5 kg
Protection class	IP66
Power Supply	11...16 V DC
Temperature Range	-10 °C...+60 °C
Communication Interface	RS485
<b>JUMO dTRANS p30</b>	
Input	0..10 bar Relative pressure
Output	4..20 mA zI
Connection	G 1/2 Front Flush
Connection Material	CrNi (Stainless steel)
Electrical Connection Type	Connector DIN EN 175301-803, Form A
Measurement Range	0,00... 10 bar
Power Supply	DC10..30V
Linearity	0,500
<b>VA Stainless Steel Housing</b>	
Dimensions (without base)	500 x 500 x 220 mm
Protection class	IP68
<b>Above-floor Cabinet</b>	
Dimensions (without base)	350 x 280 x 1310 mm
Protection class	IP43



VA Stainless Steel Housing



Above-floor Cabinet

## Order Informations

Product	Description	Order number
<b>Selection Battery</b>		
AKKU	Battery 12-V 100 Ah	90032724

<b>Selection Transducer</b>		
FLUXUS M	Transducer to 400 mm Ø	2012641
<b>OR</b>		
FLUXUS K	Transducer from 400 mm Ø	2013323

<b>Selection Housing</b>		
IP68	VA Stainless Steel Housing + Wiring set for Stainless Steel Housing (# 2013099)	2013005
<b>OR</b>		
IP43	Above-floor cabinet + Wiring set for Above-floor Cabinet (# 2012998)	2012644

<b>Selection Logger</b>		
LOG D EU	Logger D-U (868 MHz)	1012777
<b>OR</b>		
LOG D US	Logger D-U (913 MHz)	1012778

<b>Selection Data analysis</b>		
	POSEYEDON Cloud Portal	on request

<b>Selection Options</b>		
DS	Pressure sensor JUMO dTRANS p30 (10bar)	90033694
STL	Control line 4 x 0,5 mm <sup>2</sup>	138315364
LOG PS 3-EU	PocketServer 3 EU-Set (868 MHz)	1009795
LOG PS 3-US	PocketServer 3 US-Set (913 MHz)	1009796
LOG PS 3-AUS	PocketServer 3 AUS-Set (916 MHz)	1009797
LOG RI EU	Radio Interface (868 MHz)	820025783
LOG RI US	Radio Interface (913 MHz)	118307697
LOG RI AUS	Radio Interface (916 MHz)	1004347
	Sensor Cable Extension per m	1006993

### SebaKMT

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