

LMK 858



Separable Plastic Submersible Probe

Ceramic Sensor

accuracy according to IEC 60770:
standard: 0.35 % FSO
option: 0.25 % FSO

Nominal pressure

from 0 ... 40 cmH₂O up to 0 ... 100 mH₂O

Output signals

2-wire: 4 ... 20 mA
3-wire: 0 ... 10 V
others on request

Special characteristics

- ▶ diameter 45 mm
- ▶ cable and probe separable
- ▶ chemical resistance
- ▶ housing PVC


Optional versions


- ▶ cable protection via PVC pipe
- ▶ diaphragm 99.9 % Al₂O₃
- ▶ different kinds of cable
- ▶ different kinds of seal materials

The separable plastic submersible probe LMK 858 is designed for level measurement in most aggressive media. Usage in more viscous media as for example sludge is possible because of the semi-flush diaphragm.

In order to facilitate stock-keeping and maintenance the transmitter head is plugged to the cable assembly with a connector and can be changed easily.

Preferred areas of use are

 Sewage
waste water treatment
water recycling
dumpsite

 Aggressive media
level measurement in most of acids and lyes



Pin configuration			
Electrical connection	Binder series 723 ⁵ (5-pin)		cable colours (IEC 60757)
	2 - wire	3 - wire	
Supply +	3	3	wh (white) bn (brown) gn (green)
Supply -	1	4	
Signal + (only for 3-wire)	-	1	
Shield	5	5	gnye (green-yellow)

⁵ in separated version

Dimensions (in mm)			

Accessories

Terminal clamp		
Technical Data		
Suitable for	all probes with cable \varnothing 5.5 ... 10.5 mm	
Material	standard: steel, zinc plated optionally: stainless steel 1.4301 (304)	
Weight	approx. 160 g	
Ordering type	Ordering code	
Terminal clamp, steel, zinc plated	Z100528	
Terminal clamp, stainless steel 1.4301 (304)	Z100527	

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