



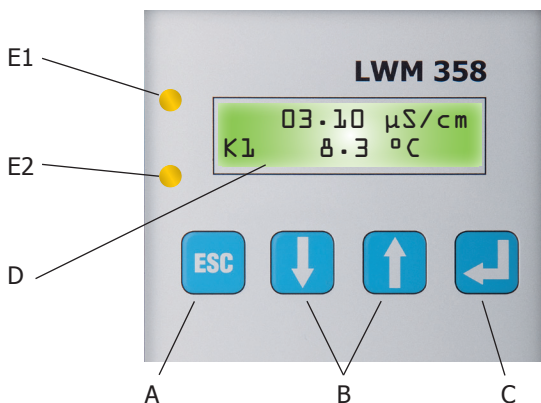
picture: LWM 358 W (wall installation)



picture: LWM 358 S (cabinet installation)

Conductivity Meter LWM 358-W and LWM 358-S

Digital conductivity meter with three alarm relays and 0-20 mA analogous output for wall or cabinet installation. Display of conductivity, temperature and operating status of the relays and digital inputs. Automatic temperature compensation to 25°C.



	Function
A	Exit menus, cancelling of operations
B	Password input, menu selection, data editing
C	Confirmation of entries
D	Display of conductivity and temperature, status relays K1, K2 and K3
E1	K1 active: limit value, e.g. conductivity at K1 switching relay exceeded
E2	Status of digital input 1
	Status of digital input 2

Conductivity Meter LWM 358-W / LWM 358-S



Technical Data		LWM 358-W	LWM 358-S
Value display		digital	digital
Temperature measurement KTY 81-122	°C	0-50	0-50
Temperature compensation	°C	2.2 %/K to 25	2.2 %/K to 25
Accuracy LF-/T-measurement		± 2 % of full scale	± 2 % of full scale
Analogous output for conductivity or temperature	mA	0-20	0-20
Three potential-free switching outputs: Load capacity		250 VAC / 4 A, 24 VDC / 1 A	250 VAC / 4 A, 24 VDC / 1 A
Inputs solenoid valve		250 VAC / 4 A, 24 VDC / 1 A	250 VAC / 4 A, 24 VDC / 1 A
Delay limits	s	0-999	0-999
Two digital inputs		potential-free closing contact	potential-free closing contact
Voltage	V/Hz	230/50-60	230/50-60
Power consumption	VA	4	4
Protection	IP	65	65
Ambient temperature (operation)	°C	0/40	0/40
Relative humidity max.	%	80, non-condensating	80, non-condensating
Height	mm	220	131
Width	mm	132	131
Total Depth	mm	96	60
Installation Depth	mm	-	50
Weight	kg	0.88	0.42

LF-measuring range, switchable to	Item-no. LWM 358-W	Item-no. LWM 358-S
0.1 - 10 µS/cm, 1 - 100 µS/cm	090 036	090 032
1 - 100 µS/cm, 0.1 - 10 µS/cm	090 046	090 042
0.2 - 20 µS/cm, 2 - 200 µS/cm	090 037	090 033
2 - 200 µS/cm, 0.2 - 20 µS/cm	090 047	090 043
20 - 2000 µS/cm, -	090 038	090 034
0.1 - 10 mS/cm, -	090 039	090 035

Measuring cell with 1 ½" coupling nut, suitable for W and S version	Item-no. Measuring cell
EMZ* 1 ½" with 6 m cable for 0.1 - 10 µS/cm / 1-100 µS/cm display	100 047
EMZ* 1 ½" with 6 m cable for 0.2 - 10 µS/cm / 2-200 µS/cm display	10 0020
EMZ* 1 ½" with 6 m cable for 2-2000 µS/cm display	100 059
EMZ* 1 ½" with 6 m cable for 0.1 - 10 mS/cm display	100 060

Options:	Item-no. Options
0-20 mA analog module for 2nd analog output, programmable for conductivity or temperature	090 041
1 ½" housing for EMZ with a 1 ½" coupling nut	100 019

*EMZ = screw-in measuring cell