

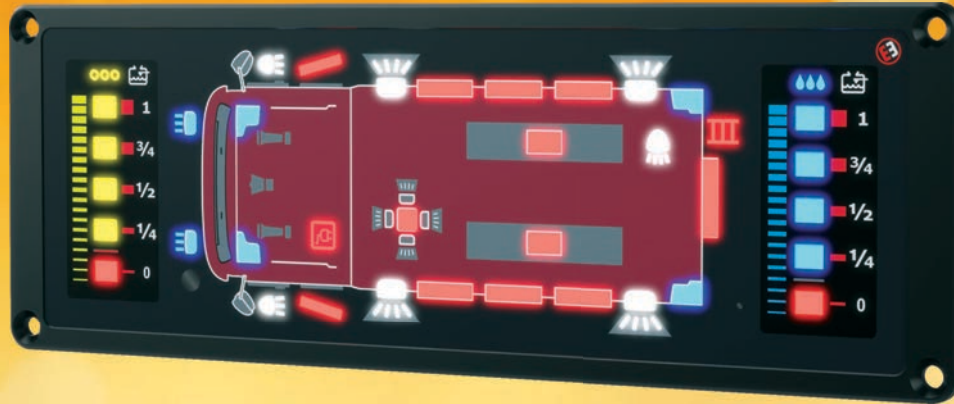


EMITTER
ELECTRONICS
innovative · reliable · flexible



S&L MONITOR

G2



Features and Benefits

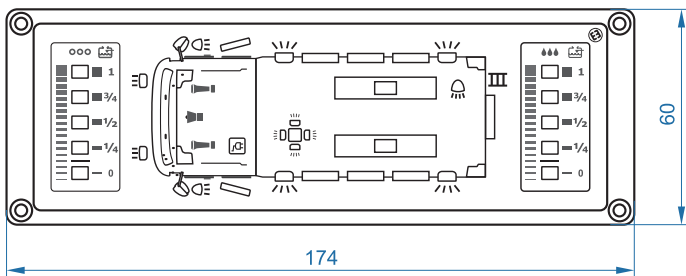
- 1 **22 Digital Inputs, positive or negative**
- 2 **Photo sensor**
- 3 **Colour LEDs**
- 4 **Integrated Warning Buzzer-Optional**
- 5 **Integrated Remote Indicator for Water and Foam Tank Level**

The S&L Monitor is designed to monitor open side lockers (roller shutters), roof boxes, ladder and displays the status of different kinds of emergency and other lights on special vehicles.

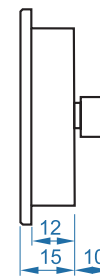
Key advantage: Integrated Water and Foam remote level indicator as optional feature. State of monitored devices will be indicated with LED warning lights in different colours.

Integrated buzzer can signalize raised light mast, open roof boxes and open ladder to draw special attention to the driver at the moment that the parking brake has been released.

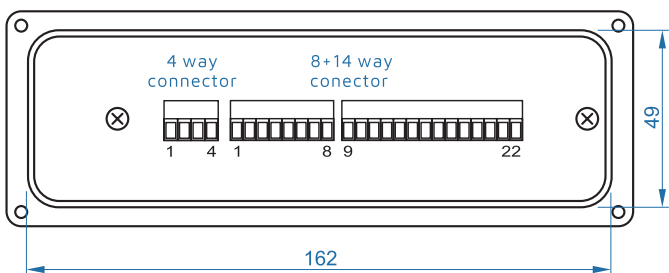
FRONT VIEW



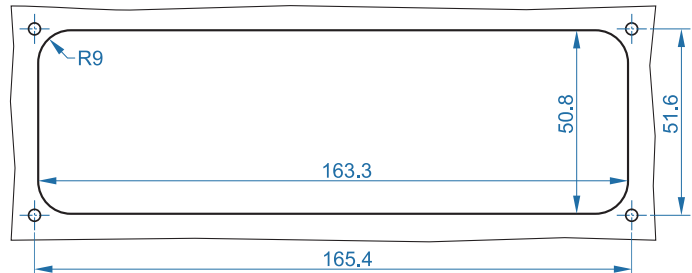
SIDE VIEW



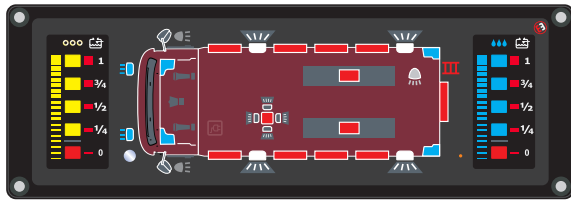
REAR VIEW



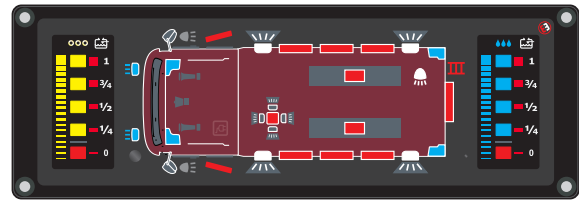
PANEL CUT-OUT



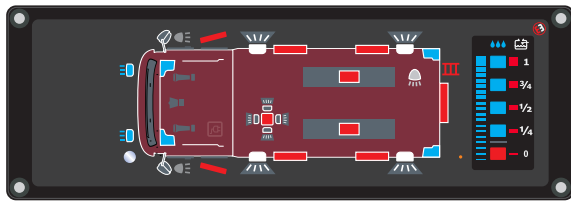
Monitoring is provided through 22 digital inputs. Digital inputs are connected via uP to altogether 37 LED lights. Digital inputs can be connected to GND or +UBatt signal, to detect the status of connected lamps, shutters or other equipment. An integrated photo sensor detects the ambient light and automatically adjusts the LED intensity for day or night operation.



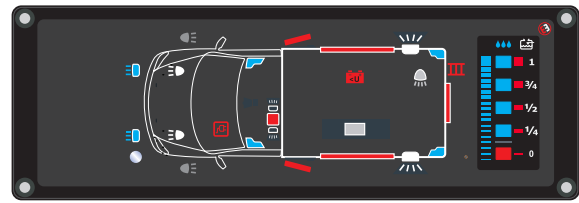
SLM-9S-WF



SLM-7S-WF



SLM-5S-W



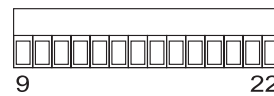
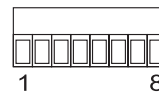
SLM-3S-W

Connection

CONNECTION Terminal Block 4 way

PIN DESCRIPTION

1	BATTERY +
2	BATTERY -
3	CAN L
4	CAN H



CONNECTION Terminal Block 8 way + 14 way

PIN DESCRIPTION

1-22 INPUT (configurable)

Specifications

POWER	
Supply Voltage	8-30 V DC
Current	0.2 A maximum, no outputs active
Electrical Protection	overvoltage, reverse polarity
INTERFACES	
CAN	1 x CAN
CAN termination	configurable termination 120 ohm via DIP switch
ENVIRONMENT	
IP Class (IEC529)	front panel - IP65
Temperature Range	storage -40° to +85°C (-40°F to 185°F) operating -40° to +85°C (-40°F to 185°F)
INPUTS	
Digital Input	22 configurable-active low/high, levels 0 .. Ub

ENCLOSURE	
Housing Material	aluminium-black coated
Mounting	in-dash, with 4 screws M3 or 2.9 tapping screws
Connector	Terminal block 4 way, 8 way and 14 way connector, 0,5 to 1,5 mm ² (AWG 28-16)
MISCELLANEOUS	
Level Indication	Water and Foam level optional, remote type
Indicator increments	1/4
Day/Night operation	automatic - integrated light sensor
LED indication	colour LED (white, blue, red, yellow)
SIZE AND WEIGHT	
W x H x D [mm]	174 x 60 x 15 mm without connector
Weight	0.2 kg

Ordering Codes

Remote Indicator - Small

Ordering code example:

S	L	M	-	7	S	-	W	F
3S: 3 SHUTTERS (2+1) 5S: 5 SHUTTERS (2+2+1) 7S: 7 SHUTTERS (3+3+1) 9S: 10 SHUTTERS (4+4)				W: INTEGRATED WATER LEVEL INDICATOR		F: INTEGRATED FOAM LEVEL INDICATOR		



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