

**Panel Sounder and Panel Sounder with LED**

Technical						
Housing:	Base Material	Polycarbonate, black				
	Lens	Polycarbonate, red, amber, yellow, green, blue, and clear				
Protection class	IP65/UL Type 4, 4X, 13					
Terminals	Plug-in terminal block, up to 2.5 mm <sup>2</sup> (14 AWG)					
Operation temperature range	-25...+60°C					
Storage temperature range	-25...+85°C					
Mounting	Central mounting for bore holes 22.5 mm or 30.5 mm with Hole Adapter Kit					
Mounting Nut Torque	15 in-lb (1.7 N-m)					
Electrical						
		Sounder			Sounder with Warning Light	
		65 mm	45 mm	30 mm	65 mm	45 mm
Supply voltage range	12V AC/DC - 50/60 Hz	—	—	—	±10%	±10%
	24V AC/DC - 50/60 Hz	—	—	—	±10%	±10%
	12...24V AC/DC - 50/60 Hz	8...26V AC/DC	8...26V AC/DC	10...26V AC/DC	—	—
	120V AC - 50/60 Hz	50...140V AC	50...140V AC	80...140V AC	±10%	±10%
	230/240V AC - 50/60 Hz	150...260V AC	150...260V AC	180...260V AC	±10%	±10%
Nominal current	12V AC/DC - 50/60 Hz	—	—	—	50 mA	35 mA
	24V AC/DC - 50/60 Hz	57 mA	20 mA	20 mA	73 mA	48 mA
	120V AC - 50/60 Hz	40 mA	40 mA	20 mA	60 mA	40 mA
	230/240V AC - 50/60 Hz	42 mA	42 mA	20 mA	63 mA	42 mA
Turn-on Leakage Current	≥3 mA					
Maximum sound level (average)	105 dBA in 1 m	100 dBA in 1 m	80 dBA in 1 m	103 dBA in 1 m	98 dBA in 1 m	
Minimum sound level	<85 dB	<85 dB	—	<85 dB	<85 dB	
Sound level adjustment	Stepless	Stepless	—	Stepless	Stepless	
Sound main frequency	3300 Hz	3300 Hz	3500 Hz	3300 Hz	3300 Hz	
Sound types	Continuous	Yes	Yes	Yes	Yes	Yes
	Pulsing	Yes	Yes	Yes	Yes	Yes
	Alternating frequency	Yes	No	No	Yes	No
Sound selection	Externally by terminal connection					
Weight	65 g	35 g	25 g	85 g	55 g	

**Panel Light**

Technical							
Housing:	Base Material	Polycarbonate, black					
	Lens	Polycarbonate, red, amber, yellow, green, blue, and clear					
Protection class	IP65/UL Type 4, 4X, 13						
Terminals	Plug-in terminal block, up to 2.5 mm <sup>2</sup> (14 AWG)						
Operation temperature range	-25...+60°C						
Storage temperature range	-25...+85°C						
Mounting	Central mounting for bore holes 22.5 mm or 30.5 mm with Hole Adapter Kit						
Mounting Nut Torque	15 in-lb (1.7 N-m)						
Electrical							
		LED — Steady/Flashing			Strobe Light		
		65 mm	45 mm	30 mm	65 mm	45 mm	30 mm
Supply voltage range	12V AC/DC - 50/60 Hz	±10%	±10%	±10%	—	—	±10%
	24V AC/DC - 50/60 Hz	±10%	±10%	±10%	—	—	±10%
	12...24V AC/DC 50/60 Hz	—	—	—	8...26V AC/DC	8...26V AC/DC	—
	120V AC - 50/60 Hz	±10%	±10%	±10%	±10%	±10%	±10%
	230/240V AC - 50/60 Hz	±10%	±10%	±10%	±10%	±10%	±10%
Nominal current	12V AC/DC - 50/60 Hz	75 mA	60 mA	30 mA	—	—	15 mA
	24V AC/DC - 50/60 Hz	54 mA	35 mA	25 mA	—	—	10 mA
	12...24V AC/DC 50/60 Hz @ 12V	—	—	—	150 mA	110 mA	—
	12...24V AC/DC 50/60 Hz @ 24V	—	—	—	140 mA	100 mA	—
	120V AC - 50/60 Hz	25 mA	25 mA	20 mA	30 mA	20 mA	10 mA
230/240V AC - 50/60 Hz	25 mA	25 mA	20 mA	20 mA	12 mA	10 mA	
Turn-on Leakage Current	≥3 mA						
Steady/Flashing light	Externally by terminal connection						
Flash frequency	2 Hz	2 Hz	2 Hz	min. 1.4 Hz	min. 1.4 Hz	min. 1.4 Hz	
Light source	LED			Xenon tube			
Flash energy	—	—	—	1 J	0.5 J	—	
Weight	60 g	40 g	40 g	80 g	60 g	40 g	