

# LED CONTINUOUS LIGHT PD 2100-LED



Machine lights in an elegant pyramid design, equipped with LED light source for extremely long service life (>50,000 hrs).

- Vibration/shock-resistant.
- Low power consumption.
- Minimised maintenance costs.
- Non-compromising safety.
- Outstanding illumination of the coloured lens due to scattering lens.



protection system



operating temperature



## PRODUCT PD 2100-LED

PRODUCT		PD 2100-LED		
<b>DATA</b>				
Rated voltage		230 V AC	115 V AC	24 V AC/DC
		AC 50   60 Hz	AC 50   60 Hz	AC 50   60 Hz / DC
Operating range		207–253 V	±10 %	AC: 18–27 V DC: 19–30 V
Nominal current consumption		12 mA	24 mA	AC: 115 mA DC: 65 mA
Light source		LED		
Light intensity (DIN 5037) <sup>1</sup>		5 cd		
Max. viewing distance		52 m		
Operating temperature		–25 °C ... +55 °C		
Storage temperature		–40 °C ... +80 °C		
Relative humidity		90 %		
Protection system (EN 60529)		IP 55 (if mounted vertically/horizontally)		
Protection class		II		
Duty cycle		100 %		
Service life of the light source		>50,000 hrs		
Material	lens	polycarbonate (PC)		
	housing	ABS, light grey similar to RAL 7035		
	baseplate	ABS, light grey similar to RAL 7035		
Cable entry		M20x 1.5, either at the side or underneath		
Connecting terminal		fine wire 0.14–2.5 mm <sup>2</sup>		
Weight		380 g	380 g	270 g

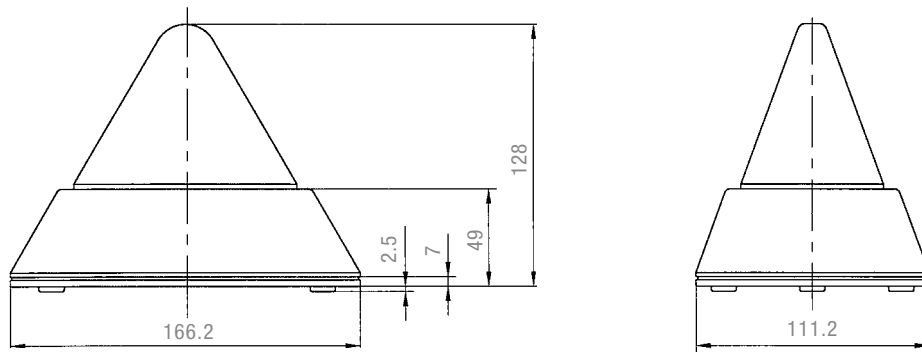
<sup>1</sup> with a clear lens

### OPTIONS/ACCESSORIES

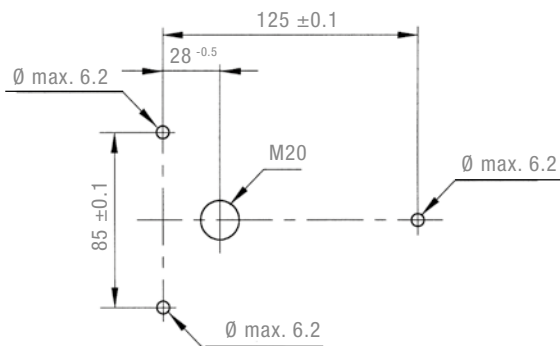


Article no.  
28710500040

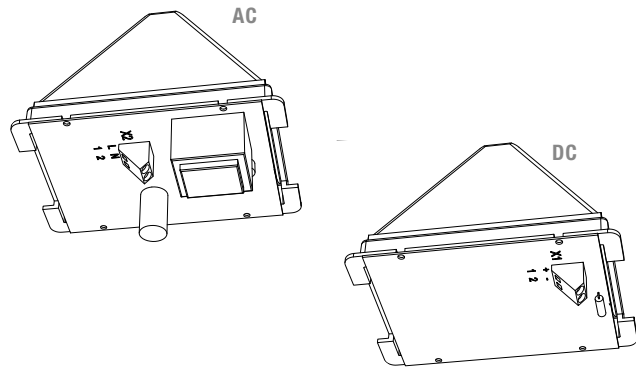
DIMENSIONS



MOUNTING HOLES



CONNECTION DIAGRAMS



ARTICLE NO.	PD 2100-LED	
	230 V AC	24 V AC/DC
∕	21120611000	21120601000
● (Yellow)	21120613000	21120603000
● (Orange)	21120614000	21120604000
● (Red)	21120615000	21120605000
● (Green)	21120616000	21120606000
● (Blue)	21120617000	21120607000

CONFORMITY TO STANDARDS

The visual characteristics of LED lights conform to the European standard DIN EN 842; “Machine safety – visual alarm signals”. Requirements contained in the DIN EN 981 standard; “Machine safety – system of acoustic and visual alarm and information signals”, can be fulfilled. The colours “red” for the emergency signal and “yellow” for the warning signal conform to the requirements of IEC 73 / DIN EN 60073 / VDE 0199; “Coding of display devices and control elements using colours and supplementary means”.

References to visual alarm devices can be found in the following standards:  
 EN 60825-1 Radiation safety of laser devices, identical to IEC 825 and DIN-VDE 0837  
 DIN EN 54 Fire alarm systems  
 DIN 54113-2 Radiation protection regulations for the technical operation of X-ray equipment up to 500 kV