Flashing lights 10 joules / 5 joules



PB2010, PB2005, PMB2010

PB 2010 / PB 2005 / PMB 2010

The enhanced classic flashlight for indoor and outdoor application - now with even better performance:

- higher degree of fail-safe and longer service life due to full on board
- various mounting arrangements cable feed-through from the side or from underneath
- extremely safe and reliable

PMB 2010

- alternatively three different flashing combinations with a high flashing cycle to gain more attention
- flashing combination (in 24V DC) controlled externally
- very bright, due to 10 J total flashing energy in the impulse group







temperature

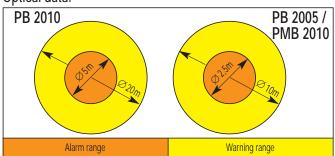






Relative humidity

Optical data:



Light intensity (DIN 5037) PB2010:			
clear	118 candela		
white	83 cd		
yellow	79 cd		
amber	65 cd		
red	16 cd		
green	32 cd		
blue	15 cd		

Light intensit	y (DIN 5037) PB2005/PMB2010:
clear	44 candela
white	31 cd
yellow	33 cd
amber	26 cd
red	9 cd
green	28 cd
blue	8 cd

Flashing sequence (PB 2010 / PB 2005):	1 Hz = 60 flashes/min
Service life:	after 8.000.000 flashes still 70% light emission
Duty cycle:	100%

Electrical data: AC 50 Hz / 60 Hz

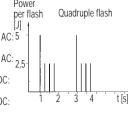
Nominal voltage	Electrical data	PB 2010	PB 2005	PMB 2010
230 V	Voltage range: Rated current:	185 V 255 V 0,11 A	185 V 255 V 0,055 A	185 V253 V
110 V	Voltage range: Rated current:	90 V 135 V 0,22 A	90 V 135 V 0,11 A	90 V 135 V
42 V	Voltage range: Rated current:	35 V 50 V 0,33 A	35 V 50 V 0,18 A	
24 V	Voltage range: Rated current:	20 V 30 V 0,58 A	20 V 30 V 0,22 A	
127 V	Voltage range: Rated current:		110 V 148 V 0,115 A	
48 V	Voltage range: Rated current:		40 V 54 V 0,16 A	
12 V	Voltage range: Rated current:		9 V 15 V 0,65 A	

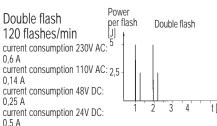
DC

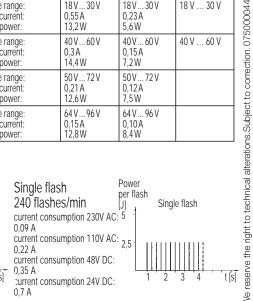
Nominal voltage	Electrical data	PB 2010	PB 2005	PMB 2010
12 V	Voltage range: Rated current: Rated power:	10 V 15 V 1,1 A 13,2 W	10 V 15 V 0,51 A 6,1 W	
24 V	Voltage range: Rated current: Rated power:	18 V 30 V 0,55 A 13,2 W	18 V 30 V 0,23 A 5,6 W	18 V 30 V
48 V	Voltage range: Rated current: Rated power:	40 V 60 V 0,3 A 14,4 W	40 V 60 V 0,15 A 7,2 W	40 V 60 V
60 V	Voltage range: Rated current: Rated power:	50 V 72 V 0,21 A 12,6 W	50 V 72 V 0,12 A 7,5 W	
80 V	Voltage range: Rated current: Rated power:	64 V 96 V 0,15 A 12,8 W	64 V 96 V 0,10 A 8,4 W	

Flashing sequence PMB 2010:





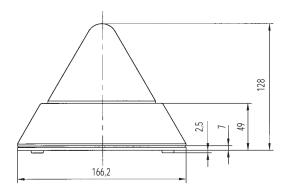


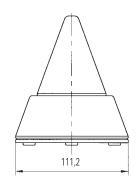


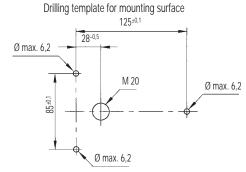
^{0,45} A * details to be requested



Mechanical data and dimensions:







Mechanical data:	PB 2010 / PB 2005	PMB 2010		
Cable gland	M 20, from the side or below			
Weight of AC version	300 g PB 2010 / 275 g PB 2005	305 g		
Weight of DC version	360 g PB 2010 / 310 g PB 2005	360 g		
Material globe	Acrylic glass, PM	MA		
Material housing	ABS, light-grey, similar to	RAL 7035		
Material base	ABS, light-grey, similar to RAL 7035			
	r thermic and mechanical protection. against moisture. o to prevent shock and vibration.			
Standard:				
Operational temperature	-30°C +55°	С		
Storage temperature	-40°C+70°	С		
Relative humidity	90%			
Protective system	IP 55 (EN 60529 by vertical/hor	izontal installation)		

Special version:











Accessories:







Approvals on request:





Sample order:	Model:	Voltag

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OST		

Sample order:	Model:	Voltage:	Globe colour:	Special version:	Accessories:	Approval:
	PR 2010	230 V AC	RFI)	3() flashes/min	Protective cane	(-1

Conformity to standard:

The optical properties of flashing lights comply with the European standard DIN EN 842, which is published under the title:

"Machine safety - visual alarm signals".

Requirements of the standard DIN EN 981, published under the title:

"Machine safety - system of acoustic/visual alarm signals and information signals" can be met.

The colour "red" as emergency signal and "yellow" as a warning signal comply with the requirements of IEC 73/DIN EN 60073/VDE 0199, published under the title:

"Coding for display devices and control components 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 defined by IEC 825 and DIN-VDE 0837

DIN EN 54 Fire alarm systems

DIN 54113-2 Regulations for radiation protection applicable to technical operation of X-ray equipment up to 500 kV