



LED Indicators

Small LED

Series VL8, H8 and H12

Series VL8, H8 and H12

Technical features

Body material: Polycarbonate (PC) V0/UL 94
Body colour: Black
Protection degree: VL821/822: IP54
H8T/H12T: IP64
Working temperature: -20°C +60°C
Operating life at AT 25°C: > 100.000 h
Not replaceable LEDs



Tropicalization treatment available on request.

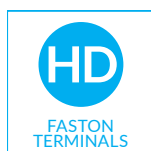


Optional Blinking Light 28V only.

Supply voltage +/- 10%

Power	Consumption	Current
6 Vac/dc	15-20mA	Direct Current
12 Vac/dc	15-20mA	Direct Current
28 Vac/dc	15-20mA	Direct Current
48 Vac/dc	15-20mA	Direct Current
110-130 Vac/dc	15-20mA	Direct Current
230 Vac/dc	15-20mA	Direct Current

Other power supplies on request



Easy to connect thanks to the Faston terminals 2.8mm x 0.5mm or Flying Leads.



Innovative system to avoid lighting with low voltage.

Compliance:

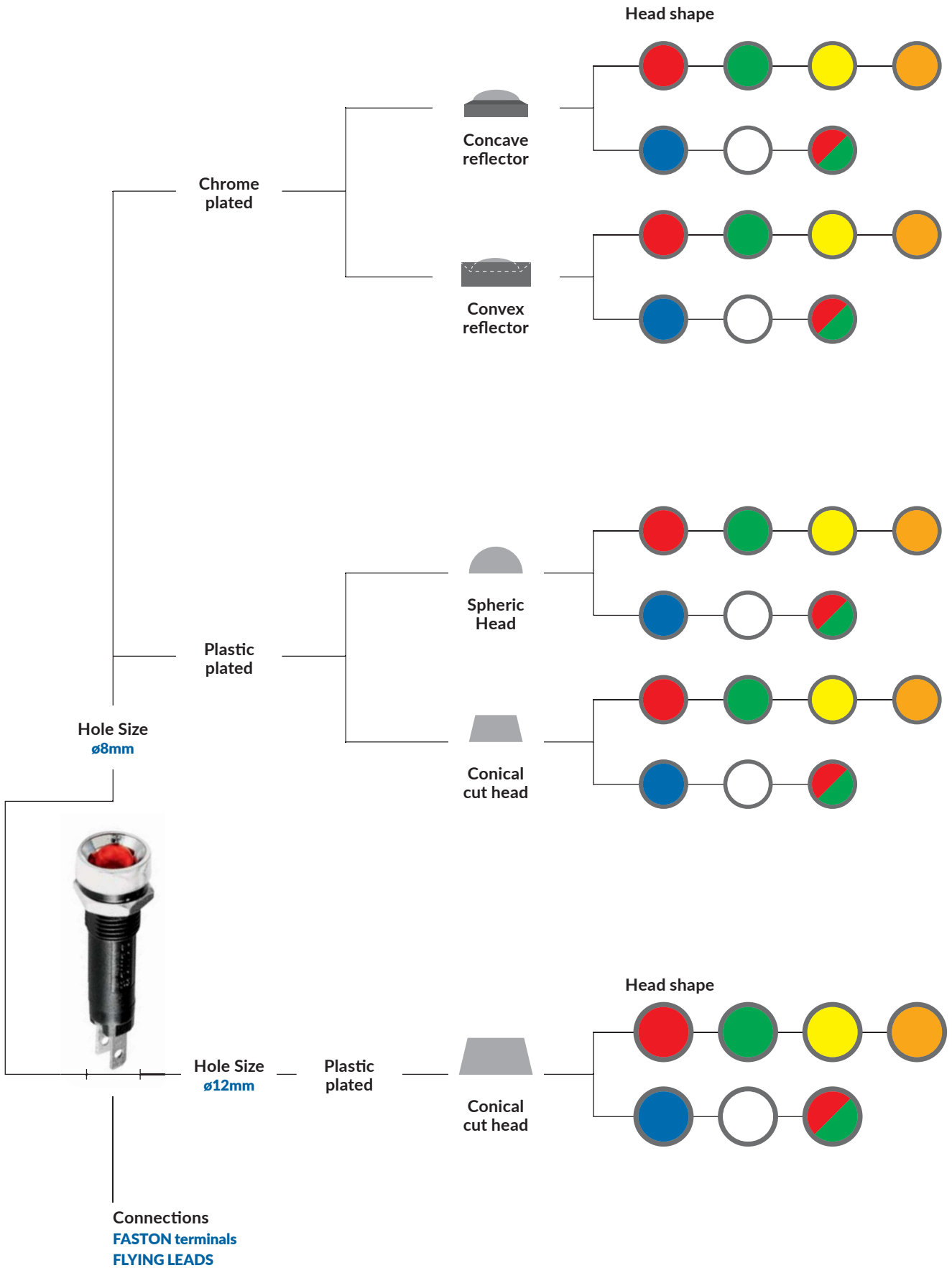
Directive 2006/95/EC Low Voltage
Directive 2004/108/EC Electromagnetic Compatibility
Directive 2011/65/EC RhOS
Directive 2006/42/EC Machinery

Conformity to standards:

EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 / EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

Customs tariff: **85389091**

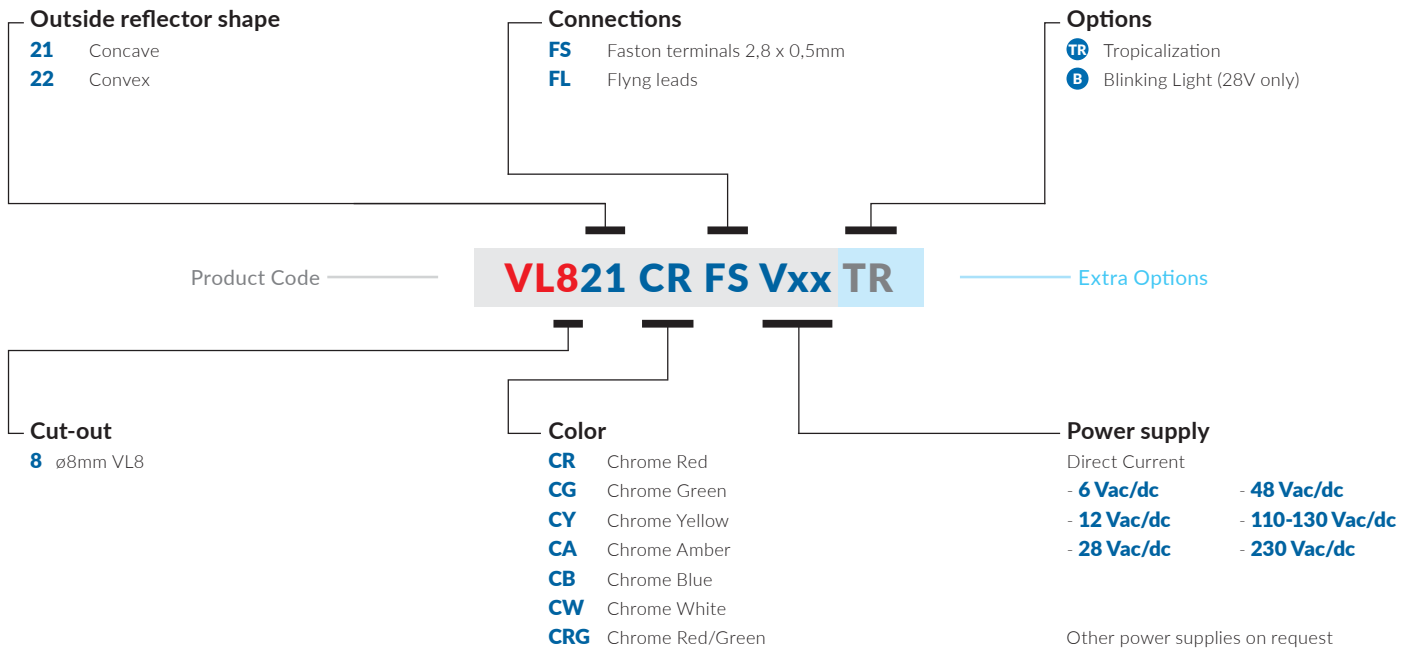
DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.



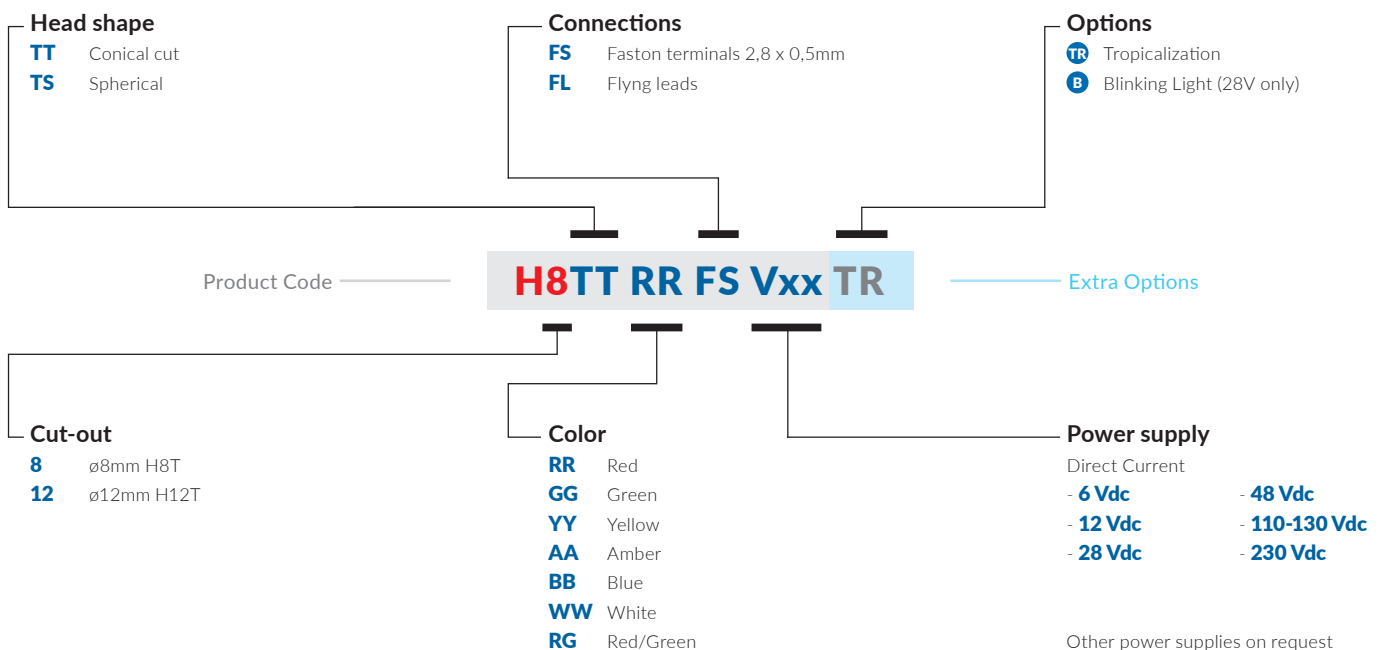
Series VL8, H8 and H12 - ø8mm, ø12mm

Coding

VL821 - VL822 code structure



H8 - H12 code structure





Series VL8 - ø8mm

Product range

Body polycarbonate black - Front chromium



Outside reflector VL821

Head Ø10mm
Cut-out Ø8
Weight 1g

Outside reflector VL822

Head Ø10mm
Cut-out Ø8
Weight 1g

Standard type - Faston Terminal (FS))

● Red	VL821 CR FS Vxx	VL822 CR FS Vxx
● Green	VL821 CG FS Vxx	VL822 CG FS Vxx
● Yellow	VL821 CY FS Vxx	VL822 CY FS Vxx
● Amber	VL821 CA FS Vxx	VL822 CA FS Vxx
● Blue	VL821 CB FS Vxx	VL822 CB FS Vxx
○ White	VL821 CW FS Vxx	VL822 CW FS Vxx
	TR B (28V only)	TR B (28V only)

Bicolor LED - Faston Terminal (FS))

● Red/Green	VL821 CRG FS Vxx	VL822 CRG FS Vxx
	TR	TR

Standard type - Flying leads (FL)

● Red	VL821 CR FL Vxx	VL822 CR FL Vxx
● Green	VL821 CG FL Vxx	VL822 CG FL Vxx
● Yellow	VL821 CY FL Vxx	VL822 CY FL Vxx
● Amber	VL821 CA FL Vxx	VL822 CA FL Vxx
● Blue	VL821 CB FL Vxx	VL822 CB FL Vxx
○ White	VL821 CW FL Vxx	VL822 CW FL Vxx
	TR B (28V only)	TR B (28V only)

Bicolor LED - Flying leads (FL)

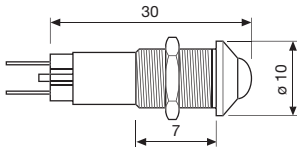
● Red/Green	VL821 CRG FL Vxx	VL822 CRG FL Vxx
	TR	TR

Series VL8 - $\varnothing 8\text{mm}$

Dimensions and wiring

VL821

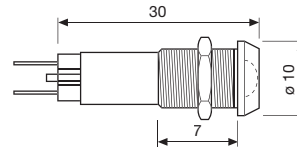
Dimensions mm 1:2



board thickness 6 mm
clamping: threaded nut

VL822

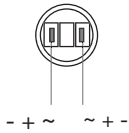
Dimensions mm 1:2



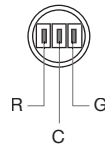
board thickness 6 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,5mm

Monocolor



Bicolor

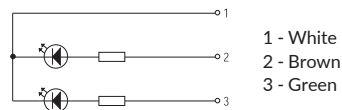


Flying Leads

Monocolor



Bicolor





Series H8, H12 - ø8mm, ø12mm

Product range



H8TT
Head Ø10mm
Cut-out Ø8
Weight 1g



H8TS
Head Ø10mm
Cut-out Ø8
Weight 1g



H12TT
Head Ø14mm
Cut-out Ø12
Weight 2g



- Red
- Green
- Yellow
- Amber
- Blue
- White
- Red/Green

H8TT RR FS Vxx
 H8TT GG FS Vxx
 H8TT YY FS Vxx
 H8TT AA FS Vxx
 H8TT BB FS Vxx
 H8TT WW FS Vxx
 H8TT RG FS Vxx
 TR B (28V only)

H8TS RR FS Vxx
 H8TS GG FS Vxx
 H8TS YY FS Vxx
 H8TS AA FS Vxx
 H8TS BB FS Vxx
 H8TS WW FS Vxx
 H8TS RG FS Vxx
 TR B (28V only)

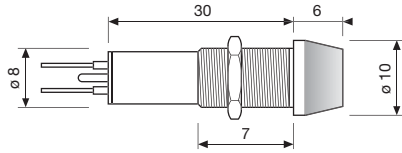
H12TT RR FS Vxx
 H12TT GG FS Vxx
 H12TT YY FS Vxx
 H12TT AA FS Vxx
 H12TT BB FS Vxx
 H12TT WW FS Vxx
 H12TT RG FS Vxx
 TR B (28V only)

Series H8, H12 - $\phi 8\text{mm}$, $\phi 12\text{mm}$

Dimensions and wiring

H8TT

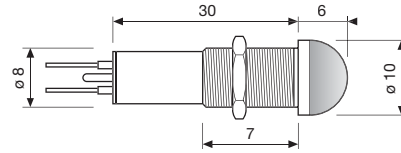
Dimensions mm 1:2



board thickness 6 mm
clamping: threaded nut

H8TS

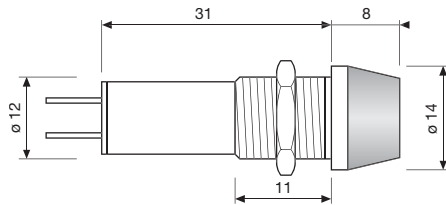
Dimensions mm 1:2



board thickness 6 mm
clamping: threaded nut

H12TT

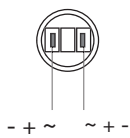
Dimensions mm 1:2



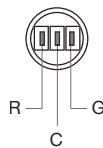
board thickness 10 mm
clamping: threaded nut

Faston terminals Tabs 2,8 x 0,5mm

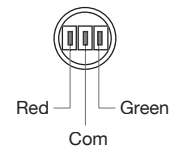
Monocolor



Bicolor H8 version

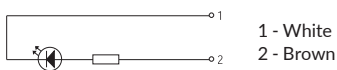


Bicolor H12 version

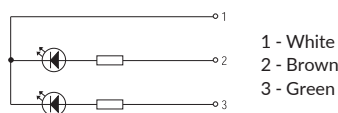


Flying Leads

Monocolor



Bicolor



Comparative table



Series	SFT	SLT	CR	PI	ML	VEB	PHR	
	Sferical	Sferical	Semaphore	Position	Multiled	Extrabright	Beacon	
Page	12	12	26	26	50	64	74	
Function								
Indicator	•	•	•	•	•	•	•	
Buzzer								
Pushbutton								
double pushbutton								
illuminated pushbutton								
Emergency mushroom								
Keylock switch								
selector switch								
Emergency for safety								
Design								
Protruding	•	•	•	•	•	•	•	
Flushmounting			•	•				
Round	•	•	•	•	•	•	•	
Square			•	•	•			
Rectangular								
Front protection (internal test)								
IP40					•			
IP54	•	•	•	•	•		•	
IP65					•	•		
IP67								
Contact rating								
10A								
5A								
Mounting Cut-out								
Ø8								
Ø12								
Ø16	•		•	•		•	•	
Ø22	•	•	•	•	•	•	•	
Terminal								
Faston 2,8x0,8	•	•	•	•	•	•	•	
Faston 2,8x0,5								
Screw	•	•	•	•	•	•	•	
Push-in (future)	F	F	F	F	F	F	F	
BA9s, Ba7s, E10, MG, BA15d, BA15s, E14								
Marking								
Paint, Engraving, Film insert				•	•			
Option								
Lamp Test (LT)	•	•	•	•	•			
Inbuilt Diode to avoid reverse feeding (PD)	•	•	•	•	•			
Tropicalization (TR)	•	•	•	•	•	•	•	
Double input + double lamp test (2C+2LT)			•					
Low voltage glow protection (LVGP)	F	F	F	F	F	F	F	
RGB color		•						
Compatible for DOMO Mosaic Mimic								
Protruding	•	•	•	•	•	•	•	
Flushmounting			•	•	•			

F = Future



	TWR	CX	P	HL	VL	H8-H12	CD16	DX22	CTR	LD	Ai1
	Tower	Pilot	Flat	Ampiled	Small	Small	Pushbutton	Pushbutton	Annunciator	Lamp	Safety
	86	96	104	126	134	134	142	170	196	206	214
	•	•	•	•	•	•		•	•	•	•
							•	•	•		•
							•	•	•		
							•	•	•		
							•	•	•		
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	•	•	•	•	•	•	•	•			
	•	•	•	•	•	•	•	•	•		•
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	•	•	•	•	•	•	•	•	•		•
	F	F	F	F			F	F	F		
										•	
			•	•			•	•	•		
		•	•	•			•		•	•	
	•	•	•	•	•	•	•		•	•	
	F	F	F	F	•	•	•		•	•	
		•	•								
	•	•	•	•	•	•	•	•	•		
			•	•			•		•		

For additional specifications, see DOMO product catalogue. Pictures not to scale. DOMO reserves the right to change specifications without further notice.