

## **PRODUCT END OF LIFE – VL Series**

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By this document, APEM announces the end of sales of our VL indicators series.

The Q series is the ideal replacement of the VL series.

APEM will consider a last time buy before December 2021.

Here are some of the impacted items and the latest version of the datasheet for your reference.

VL1000P600	VL300GP300	VL3CKGP300	VL100GP500
VL1CKGP500	VL1CK0P300	VL3000P300	VL1000P300
VL3CKGP500	VL100GP600	VL3CKGP600	VL1000P500
VL1CKGP300	VL3CK0P500	VL300GP600	VL3000P600
VL1CKGP600	VL300GP500	VL100GP300	

Vivien Rineau – Product Marketing Manager



## VL series

### Panel mount LED indicators

*Distinctive features and specifications*

*New!*

- Indicators with built-in LED  
New colours : blue and white
- Antirotation flatted bushing
- 2 bushing diameters : 6 mm (.236) and 8 mm (.314)
- Sealed or unsealed
- Bright or matt black chrome finish

UG1006-A

#### ELECTRICAL SPECIFICATIONS

- Insulation resistance : 1.000 MΩ min.
- Dielectric strength : 250 Vrms 50 Hz min.
- Electrical life at high temperature : 72 H at 85°C
- LED specifications (TA 25°C)
  - Forward voltage : 2VDC (< 2,6V)
  - Nominal current : 10mA
  - Max. surge current (tp < 10µs) : 0,5A
  - Max. reversed voltage : 25V
  - Max. forward current : 40mA
  - Max. power dissipation : 100mW
- Correct polarity of D.C. supply to diode electrodes must be observed :
  - longer lead : anode (+)
  - shorter lead : cathode (-) on flat side of bushing (see drawings).
- The LED is not removable.

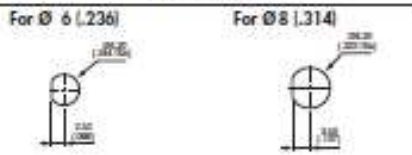
#### MATERIALS

- Bushing and collar : brass, bright or matt black chrome plated
- Lens : polycarbonate
- LED

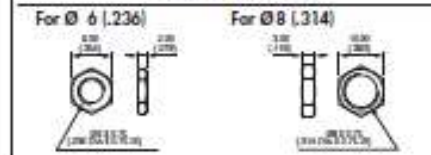
#### GENERAL SPECIFICATIONS

- Torque : 1,25 Nm (.922 Ft.lb) max. applied to nut
- Climatic category : 40/085/21
- Protection level for sealed models: IP 67 according to IEC 529
- In accordance with NEC 936B0 standard

#### PANEL CUT-OUT



#### STANDARD HARDWARE



#### ABOUT THIS SERIES

Complete part numbers are shown on the following pages.

Dimensions : first dimensions are in mm while inches are shown as bracketted numbers.



Mounting accessories : standard hardware supplied with all models : nickel plated hex nut 9 mm (.354) across flats for indicators Ø 6 (.236) or 10 mm (.393) across flats for indicators Ø 8 (.314).



Packaging unit : 50 pieces.

## VL series

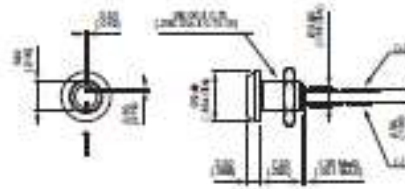
Panel mount LED indicators

### Diameter 6 (.236) - unsealed



LED colour	Bright finish (standard)	Matte black finish
Red	VL1000P600	VL1000GP600
Yellow	VL1000P500	VL1000GP500
Green	VL1000P300	VL1000GP300
Blue	VL1000P100	VL1000GP100
White	VL1000P700	VL1000GP700

→ flat



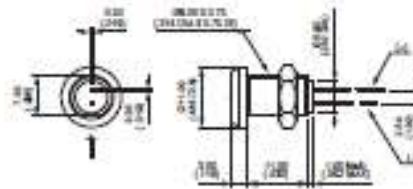
Max. panel thickness 5,50 (.216)

### Diameter 8 (.314) - unsealed



LED colour	Bright finish (standard)	Matte black finish
Red	VL3000P600	VL3000GP600
Yellow	VL3000P500	VL3000GP500
Green	VL3000P300	VL3000GP300
Blue	VL3000P100	VL3000GP100
White	VL3000P700	VL3000GP700

→ flat



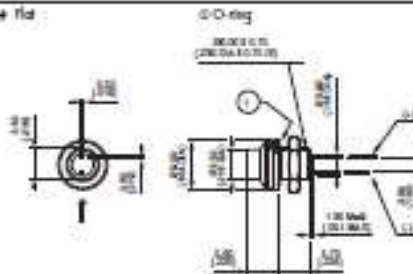
Max. panel thickness 8 (.314)

### Diameter 6 (.236) - sealed



LED colour	Bright finish (standard)	Matte black finish
Red	VL1000P600	VL1000GP600
Yellow	VL1000P500	VL1000GP500
Green	VL1000P300	VL1000GP300
Blue	VL1000P100	VL1000GP100
White	VL1000P700	VL1000GP700

→ flat



Lens cap in the same colour as the LED.

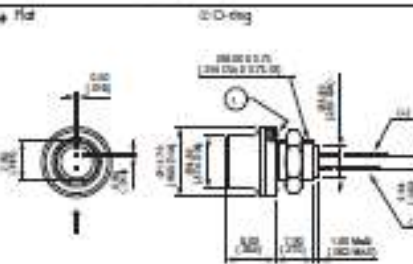
Max. panel thickness 3,70 (.145)

### Diameter 8 (.314) - sealed



LED colour	Bright finish (standard)	Matte black finish
Red	VL3000P600	VL3000GP600
Yellow	VL3000P500	VL3000GP500
Green	VL3000P300	VL3000GP300
Blue	VL3000P100	VL3000GP100
White	VL3000P700	VL3000GP700

→ flat



Lens cap in the same colour as the LED.

Max. panel thickness 4 (.157)

Option : Bushing without flat, lockwasher : on request.