Caussade, 17th May 2021

APEM ref. 2021051201

PRODUCT END OF LIFE – VL Series

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

UG1006-A

Newl

- ❑ 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

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 NFC 93680 standard

PANEL CUT-OUT

For Ø 6 (.236) For Ø 8 (.314)



STANDARD HARDWARE

For Ø 6 (.236) For Ø 8 (.314)



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.

APEM - SAS au capital de 10 222 928,10 euros - RCS Montauban B342 898 384 - N° TVA : FR 76 342 898 384
Siège social et Service commercial - 55 av. Edouard Herriot - BP1 - 82303 Caussade Cedex - France
Tél. : +33 (0)5 63 93 14 98 - Fax : +33 (0)5 63 93 19 03 - E-mail : commercial@apem.fr - www.apem.com

APEM
an IDEC company

VL series

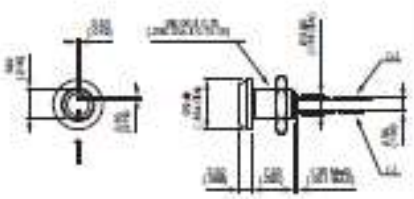
Panel mount LED indicators

Diameter 6 (.236) - unsealed

→ flat



LED colour	Bright finish (standard)	Matt black finish
Red	VL1000P600	VL100GP600
Yellow	VL1000P500	VL100GP500
Green	VL1000P300	VL100GP300
Blue	VL1000P100	VL100GP100
White	VL1000P700	VL100GP700



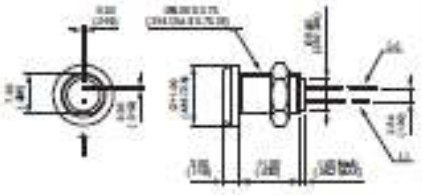
Max. panel thickness 5,50 (.216)

Diameter 8 (.314) - unsealed

→ flat



LED colour	Bright finish (standard)	Matt black finish
Red	VL3000P600	VL300GP600
Yellow	VL3000P500	VL300GP500
Green	VL3000P300	VL300GP300
Blue	VL3000P100	VL300GP100
White	VL3000P700	VL300GP700



Max. panel thickness 8 (.314)

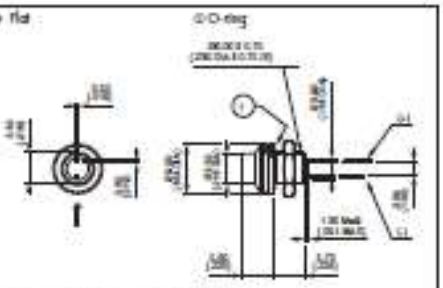
Diameter 6 (.236) - sealed

→ flat ⊙O-ring



LED colour	Bright finish (standard)	Matt black finish
Red	VL1CK0P600	VL1CKGP600
Yellow	VL1CK0P500	VL1CKGP500
Green	VL1CK0P300	VL1CKGP300
Blue	VL1CK0P100	VL1CKGP100
White	VL1CK0P700	VL1CKGP700

Lens cap in the same colour as the LED.



Max. panel thickness 3,70 (.145)

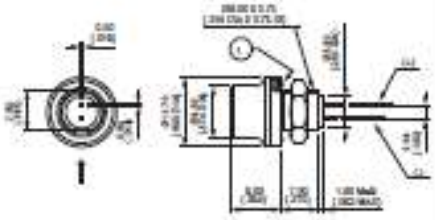
Diameter 8 (.314) - sealed

→ flat ⊙O-ring



LED colour	Bright finish (standard)	Matt black finish
Red	VL3CK0P600	VL3CKGP600
Yellow	VL3CK0P500	VL3CKGP500
Green	VL3CK0P300	VL3CKGP300
Blue	VL3CK0P100	VL3CKGP100
White	VL3CK0P700	VL3CKGP700

Lens cap in the same colour as the LED.



Max. panel thickness 4 (.157)

Option : Bushing without flat, lockwasher : on request.

APEM - SAS au capital de 10 222 928,10 euros - RCS Montauban B342 898 384 - N° TVA : FR 76 342 898 384
Siège social et Service commercial - 55 av. Edouard Herriot - BP1 - 82303 Caussade Cedex - France
Tél. : +33 (0)5 63 93 14 98 - Fax : +33 (0)5 63 93 19 03 - E-mail : commercial@apem.fr - www.apem.com