

VL series

Panel mount LED indicators

Distinctive features and specifications

New!

UG1006-A

- 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 M Ω 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 ($\leq 2,6V$)
- Nominal current : 10mA
- Max. surge current (tp < 10 μ s) : 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

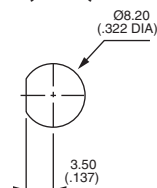
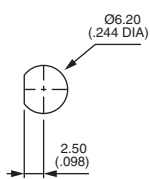
GENERAL SPECIFICATIONS

- 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 \varnothing 6 (.236)

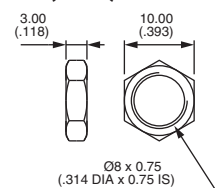
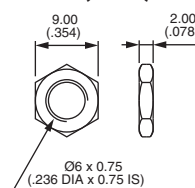
For \varnothing 8 (.314)



STANDARD HARDWARE

For \varnothing 6 (.236)

For \varnothing 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 \varnothing 6 (.236) or 10 mm (.393) across flats for indicators \varnothing 8 (.314).



Packaging unit : 50 pieces.

VL series

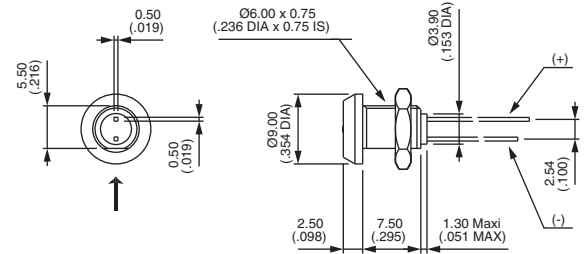
Panel mount LED indicators

Diameter 6 (.236) - unsealed



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

→ Flat



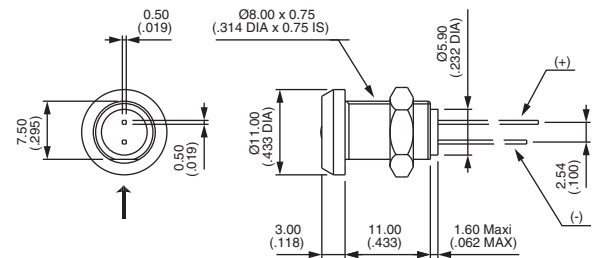
Max. panel thickness 5,50 (.216)

Diameter 8 (.314) - unsealed



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

→ Flat



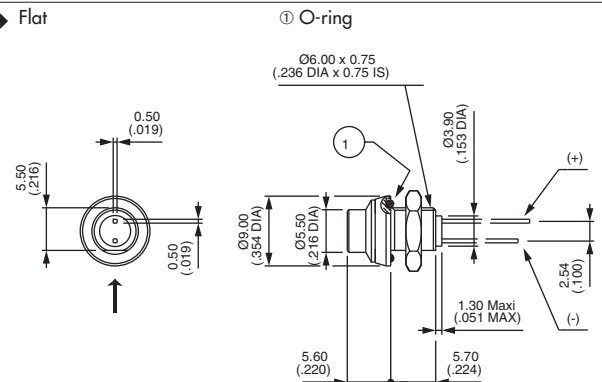
Max. panel thickness 8 (.314)

Diameter 6 (.236) - sealed



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

→ Flat



Lens cap in the same colour as the LED.

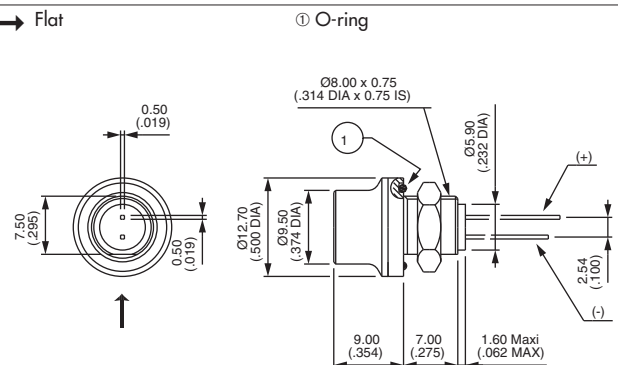
Max. panel thickness 3,70 (.145)

Diameter 8 (.314) - sealed



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

→ Flat



Lens cap in the same colour as the LED.

Max. panel thickness 4 (.157)

Option : Bushing without flat, lockwasher : on request.