

APEM switches now offers a NEW expanded range of panel mounting LED indicators. The range has seven different mounting hole sizes, three different bezel styles manufactured from high quality brass and ABS. Both bezel materials are available plated in bright chrome, black chrome, satin chrome and gold. A wide range of terminations are available and IP67 sealing can be achieved as an option. The LEDs are available in five different colors, plus bi-color, tri-color and flashing LEDs. A complementary range of super bright, water clear LED's are also available. The indicators are available with integral resistors to permit direct connection to 6 V, 12 V, 24 V, 28 V, 110 V, and 220 V systems. Other voltages are available upon request. In addition APEM has designed and developed an extensive range of LED based lamps. Please contact your local Allied sales representative for assistance with APEM's complete line of products.

## 6 mm Panel Mount LED Indicators

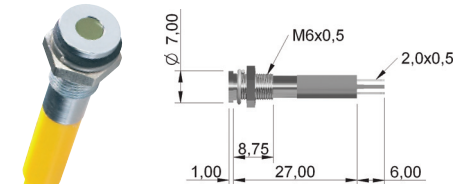
- ▶ 6 mm Mounting Hole
- ▶ 7 mm Maximum Panel Thickness
- ▶ Uses 3 mm Diffused LED
- ▶ Front Mounting
- ▶ Hex Nut and Spring Washer Included
- ▶ IP67 Panel Sealing (EN60529)
- ▶ 2 x 0.5 mm Terminals
- ▶ Gold Terminal Denotes Anode Connection
- ▶ 100° Viewing Angle
- ▶ 5 V Maximum Reverse Voltage
- ▶ 100,000 Hours Life Expectancy
- ▶ -40 to 85°C Operating Temperature Range
- ▶ UL Recognized

### Black Chrome Finish

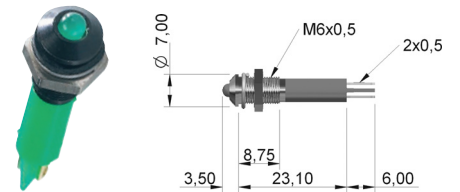
Color	Voltage	Flush Bezel			Prominent Bezel			Recessed Bezel		
		Stock No.	Mfr.'s Type	EACH	Stock No.	Mfr.'s Type	EACH	Stock No.	Mfr.'s Type	EACH
Blue	12 VDC	70066365	Q6F1BXXB12E	9.13	70066385	Q6P1BXXB12E	9.13	70066405	Q6R1BXXB12E	9.13
Green	12 VDC	70066367	Q6F1BXXG12E	6.71	70066387	Q6P1BXXG12E	6.71	70066407	Q6R1BXXG12E	6.71
Red	12 VDC	70066369	Q6F1BXXR12E	6.71	70066389	Q6P1BXXR12E	6.71	70066409	Q6R1BXXR12E	6.71
White	12 VDC	70066371	Q6F1BXXW12E	9.42	70066391	Q6P1BXXW12E	9.42	70066411	Q6R1BXXW12E	9.42
Yellow	12 VDC	70066373	Q6F1BXXY12E	6.71	70066393	Q6P1BXXY12E	6.71	70066413	Q6R1BXXY12E	6.71
Blue	24 VDC	70066366	Q6F1BXXB24E	9.13	70066386	Q6P1BXXB24E	9.13	70066406	Q6R1BXXB24E	9.13
Green	24 VDC	70066368	Q6F1BXXG24E	6.71	70066388	Q6P1BXXG24E	6.71	70066408	Q6R1BXXG24E	6.71
Red	24 VDC	70066370	Q6F1BXXR24E	6.71	70066390	Q6P1BXXR24E	6.71	70066410	Q6R1BXXR24E	6.71
White	24 VDC	70066372	Q6F1BXXW24E	9.42	70066392	Q6P1BXXW24E	9.42	70066412	Q6R1BXXW24E	9.42
Yellow	24 VDC	70066374	Q6F1BXXY24E	6.71	70066394	Q6P1BXXY24E	6.71	70066414	Q6R1BXXY24E	6.71

### Bright Chrome Finish

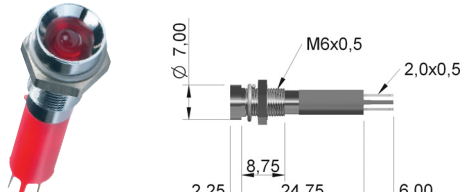
Color	Voltage	Flush Bezel			Prominent Bezel			Recessed Bezel		
		Stock No.	Mfr.'s Type	EACH	Stock No.	Mfr.'s Type	EACH	Stock No.	Mfr.'s Type	EACH
Blue	12 VDC	70066375	Q6F1CXXB12E	9.13	70066395	Q6P1CXXB12E	9.13	70066415	Q6R1CXXB12E	9.13
Green	12 VDC	70066377	Q6F1CXXG12E	6.71	70066397	Q6P1CXXG12E	6.71	70066417	Q6R1CXXG12E	6.71
Red	12 VDC	70066379	Q6F1CXXR12E	6.71	70066399	Q6P1CXXR12E	6.71	70066419	Q6R1CXXR12E	6.71
White	12 VDC	70066381	Q6F1CXXW12E	9.42	70066401	Q6P1CXXW12E	9.42	70066421	Q6R1CXXW12E	9.42
Yellow	12 VDC	70066383	Q6F1CXXY12E	6.71	70066403	Q6P1CXXY12E	6.71	70066423	Q6R1CXXY12E	6.71
Blue	24 VDC	70066376	Q6F1CXXB24E	9.13	70066396	Q6P1CXXB24E	9.13	70066416	Q6R1CXXB24E	9.13
Green	24 VDC	70066378	Q6F1CXXG24E	6.71	70066398	Q6P1CXXG24E	6.71	70066418	Q6R1CXXG24E	6.71
Red	24 VDC	70066380	Q6F1CXXR24E	6.71	70066400	Q6P1CXXR24E	6.71	70066420	Q6R1CXXR24E	6.71
White	24 VDC	70066382	Q6F1CXXW24E	9.42	70066402	Q6P1CXXW24E	9.42	70066422	Q6R1CXXW24E	9.42
Yellow	24 VDC	70066384	Q6F1CXXY24E	6.71	70066404	Q6P1CXXY24E	6.71	70066424	Q6R1CXXY24E	6.71



Flush Bezel



Prominent Bezel



Recessed Bezel

## 8 mm Panel Mount LED Indicators

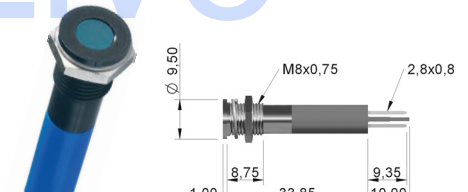
- ▶ 8 mm Mounting Hole
- ▶ 7 mm Maximum Panel Thickness
- ▶ Uses 5 mm Diffused LED
- ▶ Front Mounting
- ▶ Hex Nut and Spring Washer Included
- ▶ IP67 Panel Sealing (EN60529)
- ▶ 2 x 0.5 mm Terminals
- ▶ Gold Terminal Denotes Anode Connection
- ▶ 60° Viewing Angle
- ▶ 5 V Maximum Reverse Voltage
- ▶ Red/Yellow/Green Indicators Use Red and Green LEDs to Generate Yellow
- ▶ Red/Yellow/Green Indicators Wired Common Cathode
- ▶ 100,000 Hours Life Expectancy
- ▶ -40 to 85°C Operating Temperature Range
- ▶ UL Recognized

### Black Chrome Finish

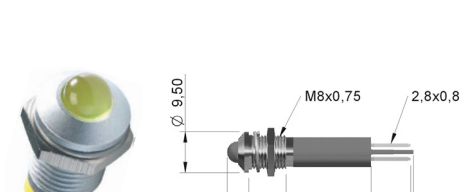
Color	Voltage	Flush Bezel			Prominent Bezel			Recessed Bezel		
		Stock No.	Mfr.'s Type	EACH	Stock No.	Mfr.'s Type	EACH	Stock No.	Mfr.'s Type	EACH
Blue	12 VDC	70066426	Q8F1BXXB12E	9.34	70066456	Q8P1BXXB12E	9.34	70066490	Q8R1BXXB12E	9.34
Green	12 VDC	70066429	Q8F1BXXG12E	6.92	70066459	Q8P1BXXG12E	6.92	70066493	Q8R1BXXG12E	6.92
Red	12 VDC	70066432	Q8F1BXXR12E	6.92	70066462	Q8P1BXXR12E	6.92	70066496	Q8R1BXXR12E	6.92
White	12 VDC	70066435	Q8F1BXXW12E	9.61	70066465	Q8P1BXXW12E	9.61	70066499	Q8R1BXXW12E	9.61
Yellow	12 VDC	70066438	Q8F1BXXY12E	6.92	70066468	Q8P1BXXY12E	6.92	70066502	Q8R1BXXY12E	6.92
Red/Yellow/Green	12 VDC	—	—	—	70066470	Q8P1BZZRYG12E	8.44	—	—	—
Blue	24 VDC	70066427	Q8F1BXXB24E	9.34	70066457	Q8P1BXXB24E	9.34	70066491	Q8R1BXXB24E	9.34
Green	24 VDC	70066430	Q8F1BXXG24E	6.92	70066460	Q8P1BXXG24E	6.92	70066494	Q8R1BXXG24E	6.92
Red	24 VDC	70066433	Q8F1BXXR24E	6.92	70066463	Q8P1BXXR24E	6.92	70066497	Q8R1BXXR24E	6.92
White	24 VDC	70066436	Q8F1BXXW24E	9.61	70066466	Q8P1BXXW24E	9.61	70066500	Q8R1BXXW24E	9.61
Yellow	24 VDC	70066439	Q8F1BXXY24E	6.92	70066469	Q8P1BXXY24E	6.92	70066503	Q8R1BXXY24E	6.92
Red/Yellow/Green	24 VDC	—	—	—	70066471	Q8P1BZZRYG24E	8.44	—	—	—
Blue	110 VAC	70066425	Q8F1BXXB110E	10.97	70066455	Q8P1BXXB110E	10.97	70066489	Q8R1BXXB110E	10.97
Green	110 VAC	70066428	Q8F1BXXG110E	8.57	70066458	Q8P1BXXG110E	8.57	70066492	Q8R1BXXG110E	8.57
Red	110 VAC	70066431	Q8F1BXXR110E	8.57	70066461	Q8P1BXXR110E	8.57	70066495	Q8R1BXXR110E	8.57
White	110 VAC	70066434	Q8F1BXXW110E	11.26	70066464	Q8P1BXXW110E	11.26	70066498	Q8R1BXXW110E	11.26
Yellow	110 VAC	70066437	Q8F1BXXY110E	8.57	70066467	Q8P1BXXY110E	8.57	70066501	Q8R1BXXY110E	8.57

### Bright Chrome Finish

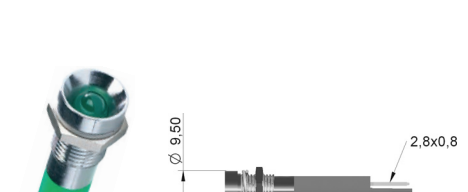
Blue	12 VDC	70066441	Q8F1CXXB12E	9.34	70066473	Q8P1CXXB12E	9.34	70066505	Q8R1CXXB12E	9.34
Green	12 VDC	70066444	Q8F1CXXG12E	6.92	70066476	Q8P1CXXG12E	6.92	70066508	Q8R1CXXG12E	6.92
Red	12 VDC	70066447	Q8F1CXXR12E	6.92	70066479	Q8P1CXXR12E	6.92	70066511	Q8R1CXXR12E	6.92
White	12 VDC	70066450	Q8F1CXXW12E	9.61	70066482	Q8P1CXXW12E	9.61	70066513	Q8R1CXXW12E	9.61
Yellow	12 VDC	70066453	Q8F1CXXY12E	6.92	70066485	Q8P1CXXY12E	6.92	70066516	Q8R1CXXY12E	6.92
Red/Yellow/Green	12 VDC	—	—	—	70066487	Q8P1CZZRYG12E	8.44	—	—	—
Blue	24 VDC	70066442	Q8F1CXXB24E	9.34	70066474	Q8P1CXXB24E	9.34	70066506	Q8R1CXXB24E	9.34
Green	24 VDC	70066445	Q8F1CXXG24E	6.92	70066477	Q8P1CXXG24E	6.92	—	—	—
Red	24 VDC	70066448	Q8F1CXXR24E	6.92	70066480	Q8P1CXXR24E	6.92	70066511	Q8R1CXXR24E	6.92
White	24 VDC	70066451	Q8F1CXXW24E	9.61	70066483	Q8P1CXXW24E	9.61	70066514	Q8R1CXXW24E	9.61
Yellow	24 VDC	70066454	Q8F1CXXY24E	6.92	70066486	Q8P1CXXY24E	6.92	70066517	Q8R1CXXY24E	6.92
Red/Yellow/Green	24 VDC	—	—	—	70066488	Q8P1CZZRYG24E	8.44	—	—	—
Blue	110 VAC	70066440	Q8F1CXXB110E	10.97	70066472	Q8P1CXXB110E	10.97	70066504	Q8R1CXXB110E	10.97
Green	110 VAC	70066443	Q8F1CXXG110E	8.57	70066475	Q8P1CXXG110E	8.57	70066507	Q8R1CXXG110E	8.57
Red	110 VAC	70066446	Q8F1CXXR110E	8.57	70066478	Q8P1CXXR110E	8.57	70066509	Q8R1CXXR110E	8.57
White	110 VAC	70066449	Q8F1CXXW110E	11.26	70066481	Q8P1CXXW110E	11.26	70066512	Q8R1CXXW110E	11.26
Yellow	110 VAC	70066452	Q8F1CXXY110E	8.57	70066484	Q8P1CXXY110E	8.57	70066515	Q8R1CXXY110E	8.57



Flush Bezel



Prominent Bezel



Recessed Bezel