SOIN_J Series

LED INDICATORS • SOLDER TABS

ø8 • ø12 • ø16 • ø19 • ø22 • ø25 • ø28 • ø30



DISTINCTIVE FEATURES

bright chrome, matte or black finish

solder tab / screw terminal connection

2V to 220V supply

IP67 sealed

custom wiring on request

ELECTRICAL CHARACTERISTICS

LED supply	Operating voltage	Typical current
2 VDC (NO RESISTOR)	1.8 to 2.5 VDC	20 mA
6 VDC	5.8 to 6.5 VDC	20 mA
12 VDC	10.8 to 13.2 VDC	20 mA
24 VDC	21.6 to 26.4 VDC	20 mA
110 VAC	99 to 121 VAC	6 mA
220 VAC	207 to 253 VAC	3 mA

Max reverse voltage: 5 V

LED wiring diagram: a — R — b

ENVIRONMENTAL CHARACTERISTICS

Operating temperature = -40°C to +85°C

Typical LED lifespan: 50,000 hours

Degree of protection: IP67 Impact resistance: IK10

Viewing angle: 30 to 100°

VISUAL CHARACTERISTICS

LED colour			Apparent intensity	Halo intensity
R	Red		7500 mcd	2000 mcd
G	Green		4100 mcd	250 mcd
Y	Yellow		2500 mcd	350 mcd
B	Blue		1300 mcd	300 mcd
W	White		1900 mcd	**200 mcd**

Light intensity will be reduced if the applied voltage is lower than the LED's reference supply voltage.

CE Reach friendly RoHS✓ service U.DESIGN RGB MIXING COLORS

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ORDER GUIDE

Family	Diameter	Model	Connection type	Material	LED colour	LED supply
SOIN	12	F	J	S	G	6

Cut-out diameter

8	8 mm
12	12 mm
16	16 mm
19	6 mm
22	22 mm
25	25 mm
28	28 mm
30	6 mm

Lens Model[1]

F	Flush
B	Bulb
D	Convex head, concave lens
H	Convex head, flush lens Protruding lens (dia.19)

Connection Type

J	Solder tabs
V	Screw terminals[2]
C	Custom cable output[3]

Material

	Stainless steel
N	Nickel-plated brass
A	Black anodised aluminium[4]

Power Supply[4]

	2 Vdc
6	6 Vdc
12	12 Vdc
24	24 Vdc
110	110 Vac
220	220 Vac

Led Colour

R	Red
G	Green
Y	Yellow
B	Blue
W	White
RB	Red & Blue
RG	Red & Blue
RGB	Red Green & Blue

ABOUT THIS SERIES

1 Head/lens models: refer to the diagrams below.

2 From 12mm diameter

3 U.DESIGN service: custom wiring of indicators produced according to your requirements and technical specifications.

4 Black anodised aluminium available only for SOIN08F

5 Protective resistor integrated into the indicator. Other voltages available on request.

6 RGB-MixingColors version available only for SOIN22

Our LED indicators are supplied as standard with a nickel-plated brass nut and sealing gasket.

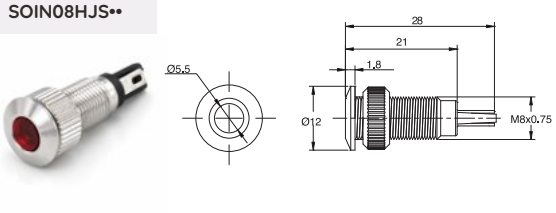
⚠ SOME CONFIGURATIONS MAY NOT BE AVAILABLE OR MAY BE SUBJECT TO A M.O.Q.

FOR ALL YOUR CUSTOM REQUESTS, CONTACT US !
sales@kynoppe.com

CONFIGURATION EXAMPLES

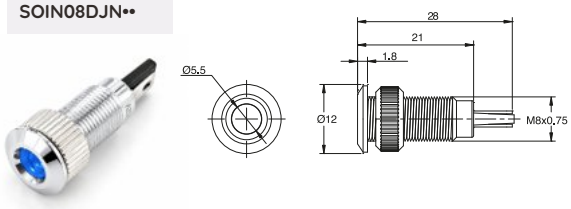
Ø08MM - CONVEX HEAD WITH FLUSH LENS - STAINLESS STEEL

SOIN08HJS••



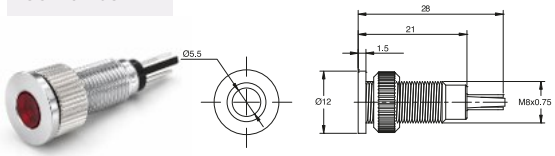
Ø08MM - CONVEX HEAD WITH CONCAVE LENS - NICKEL-PLATED BRASS

SOIN08DJN••



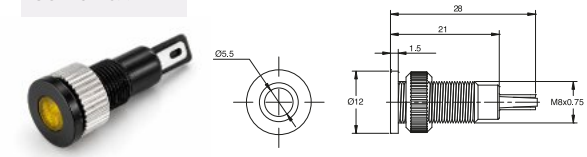
Ø08MM - FLUSH LENS - STAINLESS STEEL

SOIN08FJS••



Ø08MM - FLUSH LENS - BLACK ALUMINIUM

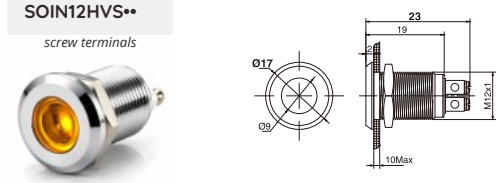
SOIN08FJA••



Ø12MM - CONVEX HEAD WITH FLUSH LENS - NICKEL-PLATED BRASS

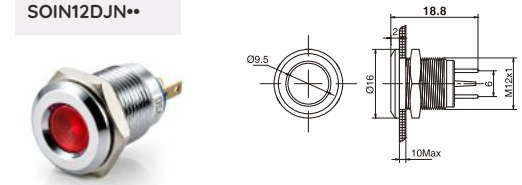
SOIN12HVS••

screw terminals



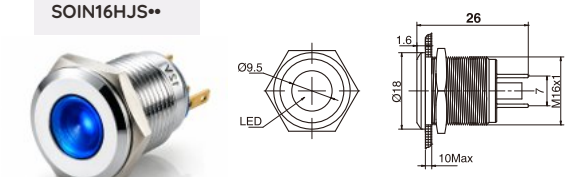
Ø12MM - CONVEX HEAD WITH CONCAVE LENS - NICKEL-PLATED BRASS

SOIN12DJN••



Ø16MM - CONVEX HEAD WITH FLUSH LENS - STAINLESS STEEL

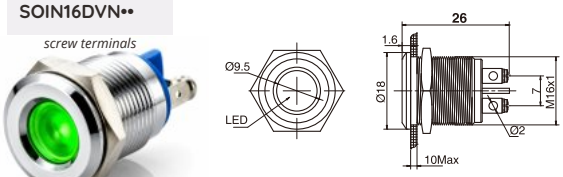
SOIN16HJS••



Ø16MM - CONVEX HEAD WITH CONCAVE LENS - NICKEL-PLATED BRASS

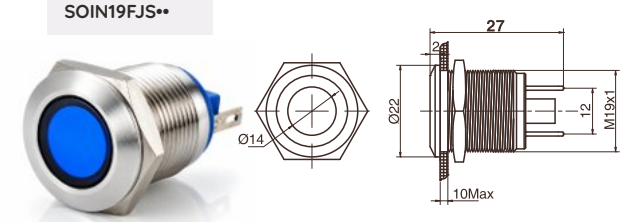
SOIN16DVN••

screw terminals



Ø19MM - CONVEX HEAD WITH FLUSH LENS - STAINLESS STEEL

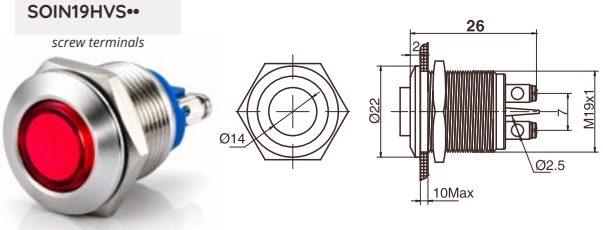
SOIN19FJS••



Ø19MM - CONVEX HEAD WITH PROTRUDING LENS - STAINLESS STEEL

SOIN19HVS••

screw terminals



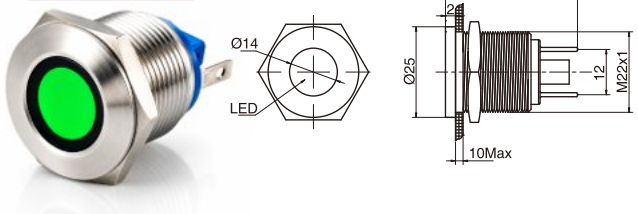
• select the LED colour and supply voltage in the Order Guide

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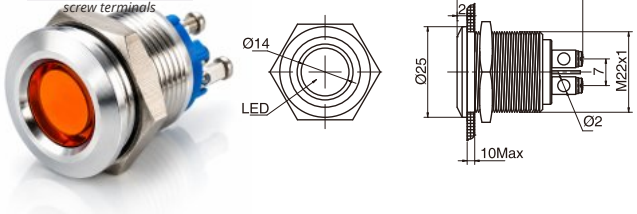
Ø22MM - FLUSH LENS - STAINLESS STEEL

SOIN22FJS••



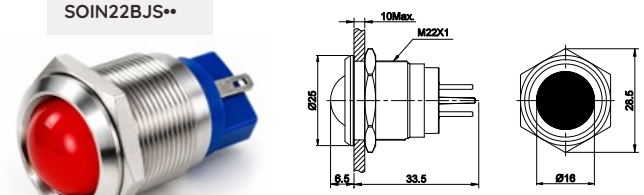
Ø22MM - CONVEX HEAD WITH CONCAVE LENS - STAINLESS STEEL

SOIN22DVS••
screw terminals



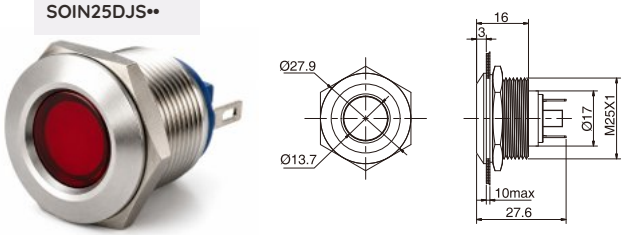
Ø22MM - DOMED LENS - STAINLESS STEEL

SOIN22BJS••



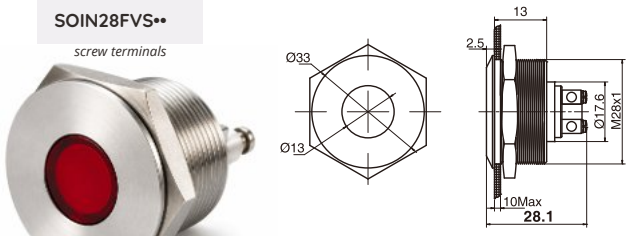
Ø25MM - CONVEX HEAD WITH CONCAVE LENS - STAINLESS STEEL

SOIN25DJS••



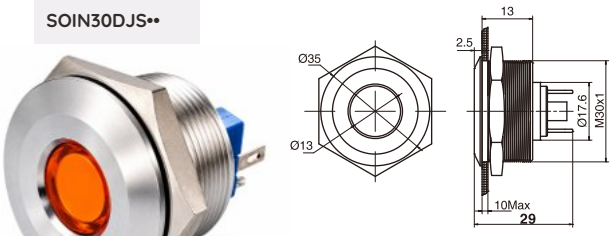
Ø28MM - FLUSH LENS - STAINLESS STEEL

SOIN28FVS••
screw terminals



Ø30MM - CONVEX HEAD WITH CONCAVE LENS - STAINLESS STEEL

SOIN30DJS••



• select the LED colour and supply voltage in the Order Guide

U.DESIGN

