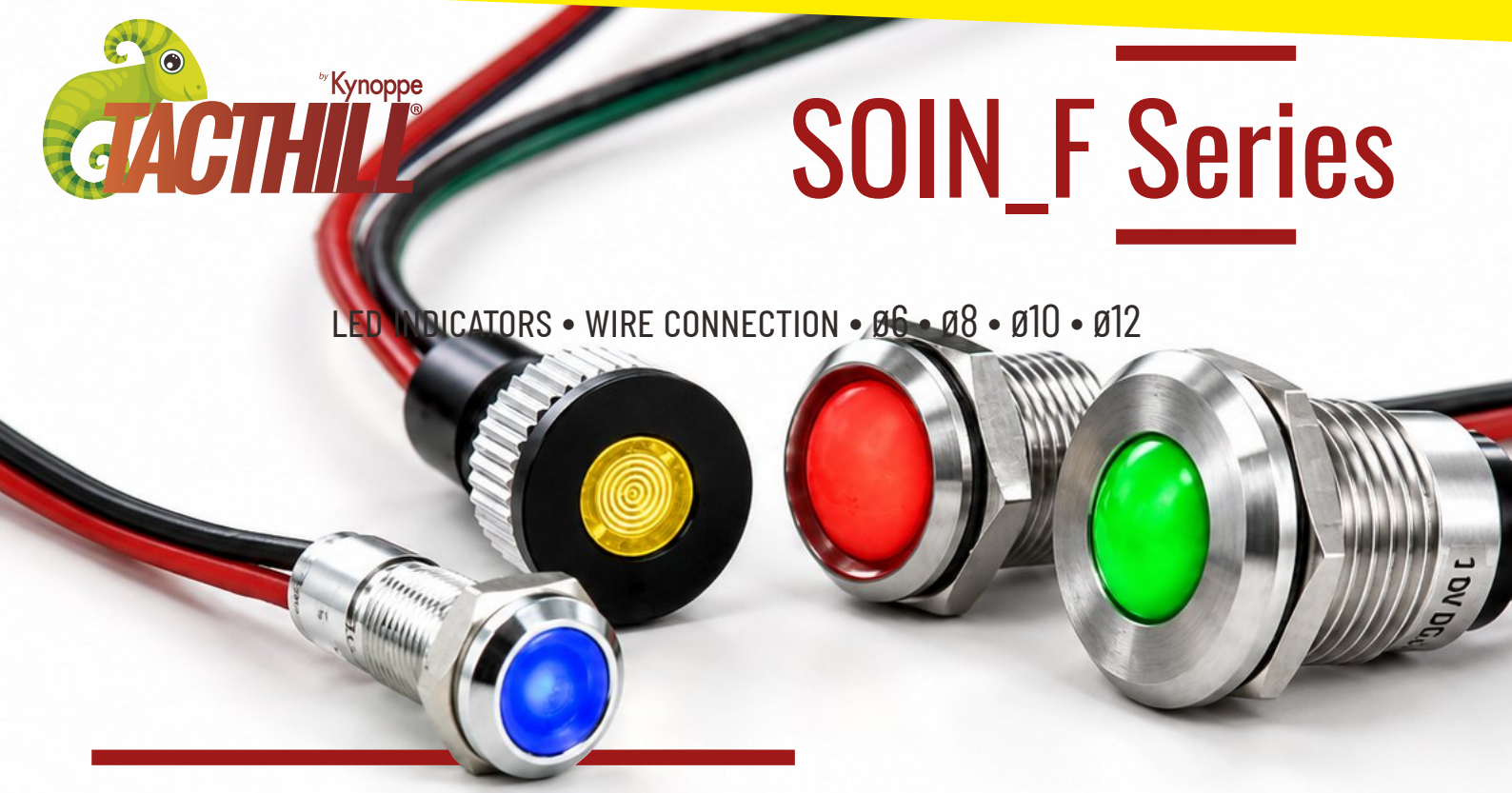
SOIN_F Series

LED INDICATORS • WIRE CONNECTION • ø6 • ø8 • ø10 • ø12



DISTINCTIVE FEATURES

bright chrome, matte or black finish

wire lead 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: 

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.

ORDER GUIDE

Family	Diameter	Model	Connection type	Material	LED colour	LED supply
SOIN	06	B	F	S	B	6

Cut-out diameter

06	6 mm
08	8 mm
10	10 mm
12	12 mm

Power Supply[4]

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

Lens Model[1]

F	Flush type 1
F2	Flush type 2
B	Bulb type 1
B2	Bulb type 2
H	Convex head, flush lens
D	Convex head, concave lens

Connection Type

F	Wire lead
C	Custom cable output[2]

Material

	Stainless steel
N	Nickel-plated brass
A	Black anodised aluminium[3]

Led Colour

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

ABOUT THIS SERIES

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

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

3 Black anodised aluminium available only for SOIN08F1

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

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.

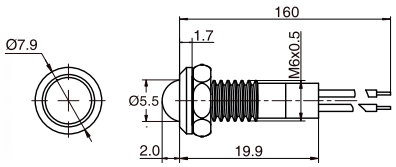
FOR ALL YOUR CUSTOM REQUESTS, CONTACT US !
sales@kynoppe.com

CONFIGURATION EXAMPLES

Ø06MM - DOMED LENS - NICKEL-PLATED BRASS

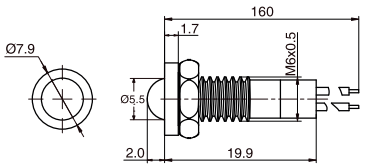
SOIN06BFN••





SOIN06B2FN••

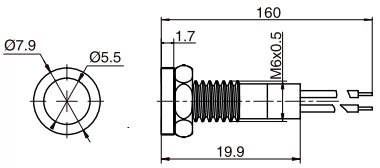




Ø06MM - FLUSH LENS - NICKEL-PLATED BRASS

SOIN06FFN••

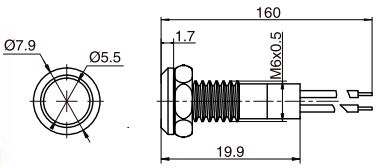




Ø06MM - CONVEX HEAD FLUSH LENS - NICKEL-PLATED BRASS

SOIN06HFN••

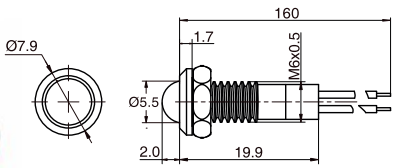




Ø08MM - DOMED LENS - NICKEL-PLATED BRASS

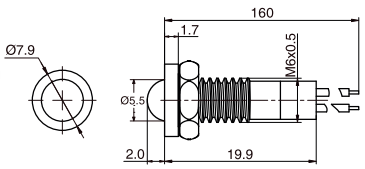
SOIN08BFN••





SOIN08B2FN••

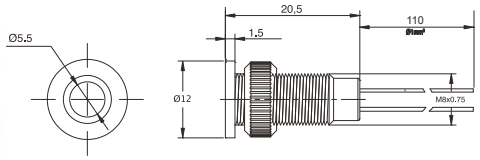




Ø08MM - FLUSH LENS - BLACK ALUMINIUM

SOIN08FFA••

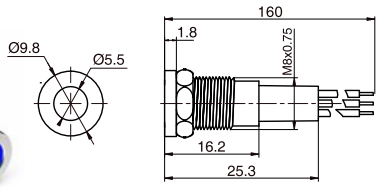




Ø08MM - FLUSH LENS 1 - NICKEL-PLATED BRASS

SOIN08F2FN••

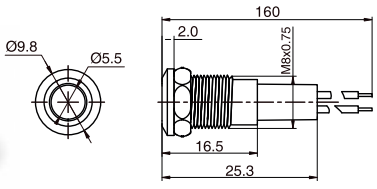




Ø08MM - CONVEX HEAD WITH FLUSH LENS - NICKEL-PLATED BRASS

SOIN08HFN••





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

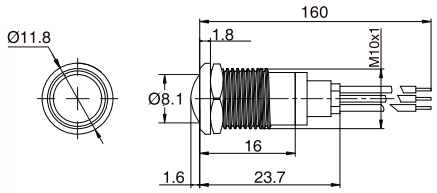
SOIN_F Series

LED INDICATORS • WIRE CONNECTION • ø6 • ø8 • ø10 • ø12

Ø10MM - DOMED LENS - STAINLESS STEEL

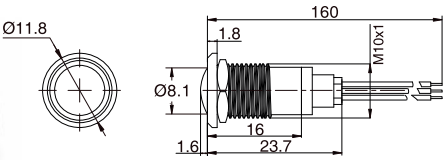
SOIN10BFS••





SOIN10B2FS••

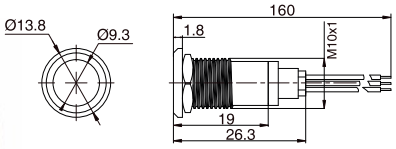




Ø10MM - CONVEX HEAD WITH FLUSH LENS - STAINLESS STEEL

SOIN10HFS••

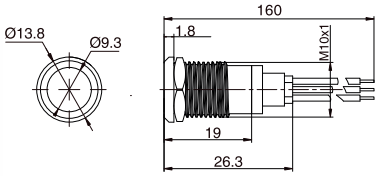




Ø10MM - CONVEX HEAD WITH CONCAVE LENS - STAINLESS STEEL

SOIN10DFS••

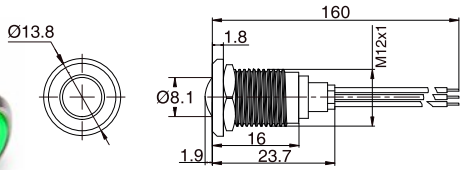




Ø12MM - DOMED LENS - STAINLESS STEEL

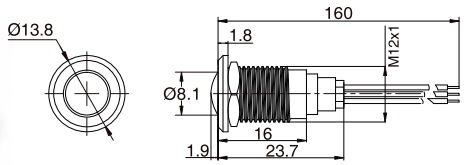
SOIN12BFS••





SOIN12B2FS••

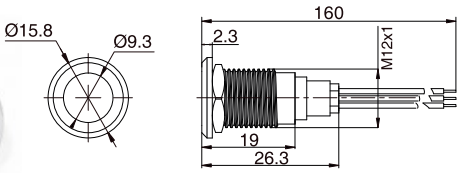




Ø12MM - CONVEX HEAD WITH FLUSH LENS - STAINLESS STEEL

SOIN12HFS••

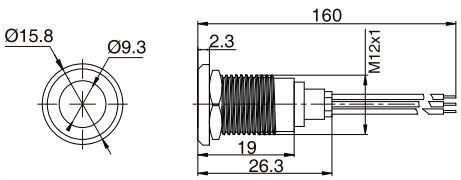




Ø12MM - CONVEX HEAD WITH CONCAVE LENS - STAINLESS STEEL

SOIN12DFS••





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

U.DESIGN

