

**HTM**<sup>TM</sup>  
**SENSORS**



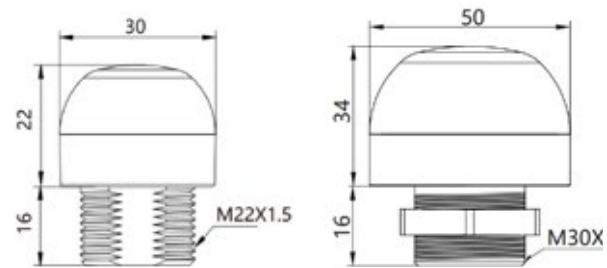
- COMPACT DESIGN, WATERPROOF. CORROSION PROOF, OIL PROOF. CAN BE WIDELY USED IN VARIOUS INDUSTRY WORKSHOPS
- EXCELLENT IMMUNITY TO FALSE TRIGGERING BY WATER SPRAY, DETERGENTS, OILS AND OTHER FOREIGN MATERIALS
- ACTUATED WITH FINGER, HAND OR PALM OR WITH WORK GLOVES. IMPROVE PRODUCTIVITY AND AVOID ERROR IN ASSEMBLY LINE

# COLORED LED TOUCH BUTTONS SPECIFICATIONS



DIAMETER	30 mm	50 mm
OPERATING VOLTAGE	24 VDC +/- 10%	
OPERATING TEMPERATURE	-40 °C - +50 °C	
HOUSING MATERIAL	ABS	
INDICATION COLORS	Red/Yellow/Green/Blue	
INPUT TYPE	PNP or NPN	
OUTPUT CURRENT	120 mA	
INDICATION COLORS	Red/Yellow/Green/Blue	
RESPONSE TIME	25ms On/Off	
IP RATING	IP69K	
LENSE MATERIAL	Polycarbonate	
IO-LINK	PLEASE CONSULT FACTORY	

## Dimensions

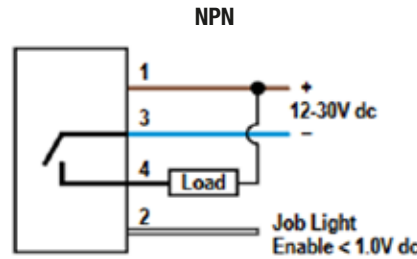
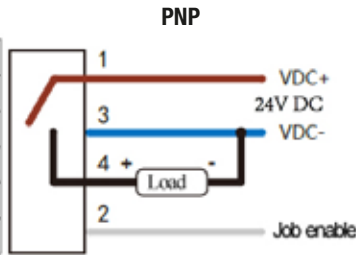


HL30T

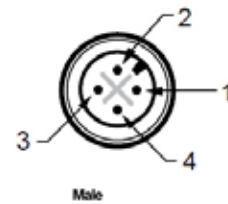
HL50T

## Pre-wired

No.	Cable color	Remark
1	Brown	VDC+
2	Gray	Job enable
3	Blue	VDC-
4	BLK	Output
5	--	Null



## M12 QD



- 1 - Brown
- 2 - White
- 3 - Blue
- 4 - Black

	Model	Function	Output Type	Colors	Connection
<b>Example Part Number</b>	HL50	T	P	GR	2M
<b>Options Available</b>	HL50=50 mm dia dome HL30=30 mm dia dome	T=Touch TF1=Touch Function 1 TF2=Touch Function 2	P=PNP N=NPN	First colour listed is job colour, second colour is the touch colour R=Red / Y=Yellow / G=Green / B=Blue	2M=Pre-wired Cable Length P12=0.3 m, M12 A-Coded Pigtail

<b>Touch Function=</b>	Only one colour is required Job Colour illuminated at all times while job input is active Touch Activates output
<b>Touch Function 1=</b>	Two colours are required Job and Touch Job Colour is illuminated while Job input is active Touch Activates the output and overrides the Job colour with the Touch colour
<b>Touch Function 2=</b>	Two colours are required Job and Touch Job Colour is illuminated while Job input is active Touch Activates the output If Job Input is not active and unit is touched, Touch colour is illuminated

Part Numbers	
30 mm Touch Buttons	50 mm Touch Buttons
HL30TP-G-2M	HL50TP-G-2M
HL30TF1P-GR-2M	HL50TF1P-GR-2M
HL30TF2P-GR-2M	HL50TF2P-GR-2M
HL30TP-G-P12	HL50TP-G-P12
HL30TF1P-GR-P12	HL50TF1P-GR-P12
HL30TF2P-GR-P12	HL50TF2P-GR-P12
HL30TN-G-2M	HL50TN-G-2M
HL30TF1N-GR-2M	HL50TF1N-GR-2M
HL30TF2N-GR-2M	HL50TF2N-GR-2M
HL30TN-G-P12	HL50TN-G-P12
HL30TF1N-GR-P12	HL50TF1N-GR-P12
HL30TF2N-GR-P12	HL50TF2N-GR-P12



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