

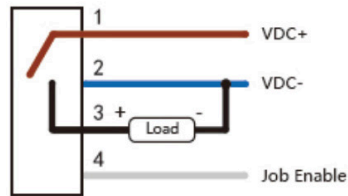
## Illuminated Touch Button

Button is illuminated Green, when touched goes to Red. In stock with 2 meter cable. 24VDC version only.



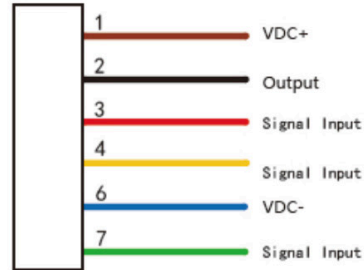
## WIRING DIAGRAM FOR ILLUMINATED TOUCH BUTTON

Order	Cable	Remark
1	Brown	VDC+
2	Blue	VDC-
3	Black	Output
4	Gray	Job Enable



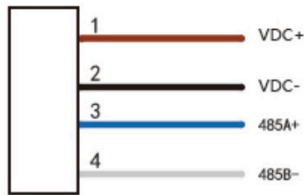
### \*RL50T-IO

Order	Cable	Remark
1	Brown	VDC+
2	Black	Output
3	Red	Signal Input
4	Yellow	Signal Input
6	Blue	VDC-
7	Green	Signal Input



### \*RL50T-IOD

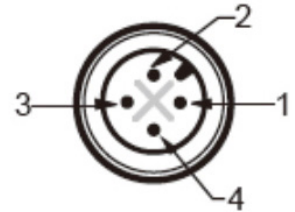
Order	Cable	Remark
1	Brown	VDC+
2	Black	VDC-
3	Blue	485A+
4	Gray	485B-



### \*RL50T-IB

Item No.	RL50-Tseries
Input	12V-30VDC
Current	12VDC<75mA; 30VDC <40mA
Indication Colors	Red, Amber, Green or Red, Green, Blue
Performance	For three colors: job inactivity-job activity-job finish; For two colors: a Inactivity-toggle between activity and inactivity; b Momentary versions remain activated as long as touch is present  For IOD model, three colors control individually
Electric protection	Protected again reverse polarity and transient voltage
Response time	<50milli seconds on and off
Output rating	Maximum load 150mA; on state voltage: <2V 10mA DC; <2.5V 150mA DC; off state leakage current:<10uA at 30VDC
Working temperature (°C)	-40°C~50°C
IP rating	IP69K
LED life span (H)	100000 hours
Dimension(mm)	Ø50x H51mm
Installation	M30*1.5mm thread, easy to install.
Material	Powerful SMD LED, high transmittance and reinforced ABS and polycarbonate housing
Wire connection	Four pins or six pins 1 meter cable or 0.3 meter cable with M12 QD
Feature	Compact and patented 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; Very easy to install; Three independent colors in one unit—Color 3 overrides Colors 1 and 2, Color 2 overrides Color 1 Eliminate hand, wrist, and arm stresses associated with repeated switch operation; Actuated with finger, hand or palm or with work gloves Improve productivity and avoid error in assembly line
Approval	CE, FCC

# SÖPHIA



Male M12 QD



Male M12 QD

For more information, to purchase or for any questions, please contact Brian Thomas...

(262) 652-8660 • [safetysensing@earthlink.net](mailto:safetysensing@earthlink.net)  
[www.safeworkplace.org](http://www.safeworkplace.org)  
[www.safetysensingcontrols.com](http://www.safetysensingcontrols.com)