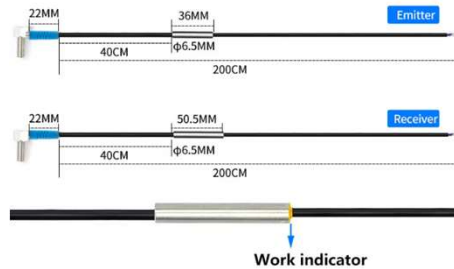
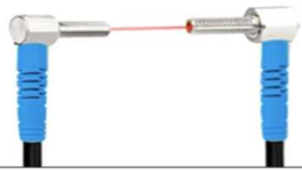


# THROUGH BEAM LASER SENSOR

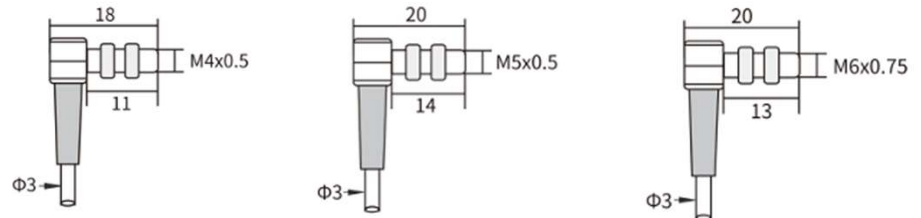
DC 3-wire



Size		M4*18-TZVN	M5*20-TZVN	M6*20-TZVN
Sensing distance		20M		
Standard detection object		100×100mm White card		
Light source		650nm Red light		
Light spot size		~1mm		
Housing material		Stainless steel		
LED indicator		Emitter: Green; Receiver: Yellow		
Model	NPN NO contact	LTT-0420MNO-TZVN	LTT-0520MNO-TZVN	LTT-0620MNO-TZVN
	PNP NO contact	LTT-0420MNC-TZVN	LTT-0520MNC-TZVN	LTT-0620MNC-TZVN
	NPN NO contact	LTT-0420MPO-TZVN	LTT-0520MPO-TZVN	LTT-0620MPO-TZVN
	PNP NO contact	LTT-0420MPC-TZVN	LTT-0520MPC-TZVN	LTT-0620MPC-TZVN
Operating voltage		10–30V DC		
No load current		<10mA		
Load current		150mA		
Leakage current		<0.01mA		
Voltage drop		<1.5V		
Switching frequency		100Hz		
Response time		5ms		
Switching hysteresis		<15%		
Repeat accuracy		<5%		
Protection		IP65		
Operating temp		0~55°C		
Short circuit protection		Yes		
Overload trip		180mA		
Weight		About 30.0 g *2		About 27.2 g *2
Certification		CE, RoHS		

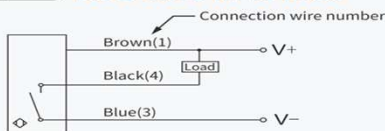
Production size for reference only  
The transmitter and receiver are the same size

Unit : mm

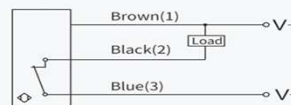


## Wiring diagram

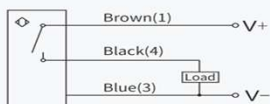
(1) DC 3-wire NPN-N.O.



(2) DC 3-wire NPN-N.C.



(3) DC 3-wire PNP-N.O.



(4) DC 3-wire PNP-N.C.

