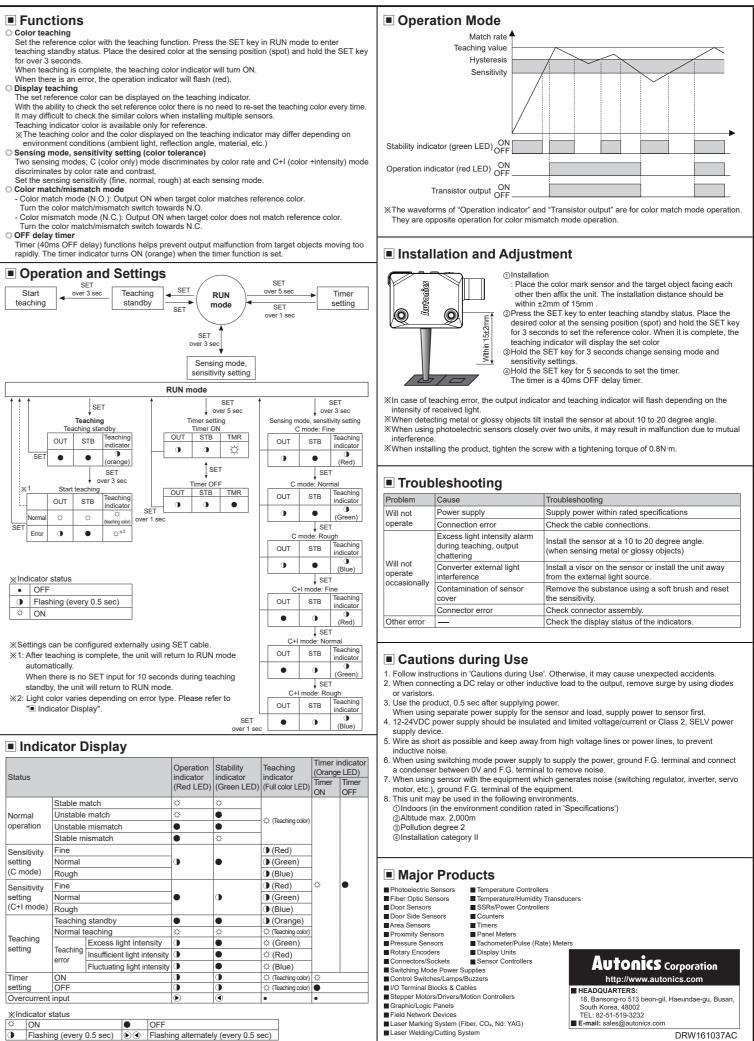


] Spe	cification	IS	
odel		BC15-LDT-C BC15-LDT-C-P	
ensing n	nethod	Convergent reflective type	
ensing d	istance	15mm ±2mm	
ensing ta	÷	Opaque, Translucent	
ysteresis	6	Max. 20% of sensing distance (may vary by sensing mode or sensitivity)	
pot size	time	1.24×6.7mm (rectangular)	
esponse		$500\mu s$ 12 24//DC - +10% (ripple P P: max, 10%)	
ower sup		12-24VDC ±10% (ripple P-P: max. 10%)	
ght sour	onsumption	Max. 30mA Full Color LED (red, green, blue)	
ensing n		C (color only) mode, C+I (color + intensity) mode	
utput mo		Color match output, color mismatch output	
utput tim		40ms OFF delay timer function	
auparan		NPN or PNP open collector output	
ontrol ou	itput	· Load voltage: max. 30VDC= · Load current: max. 100mA	
	-	· Residual voltage - NPN: max. 1VDC=, PNP: max. 2.5VDC	
Protection circuit		Reverse polarity protection, output short over current protection	
Indicator		Operation indicator: Red LED, Stability indicator: Green LED,	
		Teaching indicator: Full Color LED	
	n method	Connector type	
ternal ir		External SET cable input	
	resistance	Over 20MΩ (at 500VDC megger)	
ise imn		$\pm 240V$ of square wave noise (pulse width:1 μ s) from the noise simulator	
	strength	1,000VAC at 50/60Hz for 1minute	
oration		1.5mm amplitude at 10 to 55Hz frequency in each X, Y, Z direction for 2 hou	
ock		500m/s ² (approx. 50G) in each X, Y, Z direction for 3 times	
	Ambient	Incandescent lamp: Max. 3,000lx (receiver illumination)	
viron-	illumination		
ent		-10 to 55°C, storage: -25 to 75°C	
		35 to 85%RH, storage: 35 to 85%RH	
otection	structure	IP67 (IEC standard)	
aterial		Case: Polycarbonate, Sensing part: Acrylic,	
		Bracket: SUS304 (steel use stainless 304), Bolt: Carbon steel	
cessori	5	Bracket, M3 bolts: 2, Adjustment screwdriver: 1	
proval eight ^{*1}			
0		Approx. 80g (approx. 14g) ackaging. The weight in parenthesis is for unit only.	
		midity of environment resistance is rated at non-freezing or condensation	
	CONTRACTOR	may differ depending on environment conditions (ambient light, reflection angle, material, etc.).5. SET key: Used for function settings.	
7	M	 Color match/mismatch switch N.O.: Output ON when target color matches reference color. 	
Ļ		- N.C.: Output ON when target color does not match reference color.	
Dim	ensions	(unit: mm	
		Operation indicator(
		Stability indicator	
	. 16	2-M3 Tap	
		/ Timer indicator / (orange)	
cal axis			
eiver	(Incon))		
ool and			
cal axis tter			
	9:5	4	
		6.5 M12 Tap	
		<u>6.5</u> <u>19.8</u> <u>M12 Tap</u>	
	لكل	6.5 M12 Tap	
Mour	nting Bracket	6.5 19.8 28	
•Mour	-	6.5 19.8 28	
●Mour	120	6.5 19.8 28	
●Mour	-	6.5 <u>19.8</u> <u>28</u> <u>M12 Tap</u>	
●Mour	R22	<u>19.8</u> <u>19.8</u> <u>28</u> <u>28</u>	
●Mour	120	6.5 <u>19.8</u> <u>28</u> <u>M12 Tap</u>	
•Mour		M12 Tap	
●Mour		M12 Tap	
●Mour	30,	M12 Tap M12 Tap 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	
●Mour	30°	M12 Tap M12 Tap 4.R1.6 35	
●Mour	90°	M12 Tap M12 Tap 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	
∙Mour	300 300 300 300 300 300 300	M12 Tap M12 Tap M12 Tap	
Mour	30°	$\frac{19.8}{28}$ $\frac{19.8}{28}$ $\frac{19.8}{28}$ $\frac{19.8}{28}$ $\frac{19.8}{28}$ $\frac{19.8}{28}$ $\frac{19.8}{28}$ $\frac{19.8}{28}$ $\frac{19.8}{28}$	
Mour	300 300 300 300 300 300 300	M12 Tap M12 Tap M12 Tap	

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Troubleshooting				
olem	Cause	Troubleshooting		
not rate	Power supply	Supply power within rated specifications		
	Connection error	Check the cable connections.		
not rate asionally	Excess light intensity alarm during teaching, output chattering	Install the sensor at a 10 to 20 degree angle. (when sensing metal or glossy objects)		
	Converter external light interference	Install a visor on the sensor or install the unit away from the external light source.		
	Contamination of sensor cover	Remove the substance using a soft brush and reset the sensitivity.		
	Connector error	Check connector assembly.		
er error	—	Check the display status of the indicators.		