

Feature

- LC series Beam Pitch : 25mm
- Two way output with NO & NC
- Output with short-circuit protection
- All type are appended with 「EMC」 enhanced circuit.

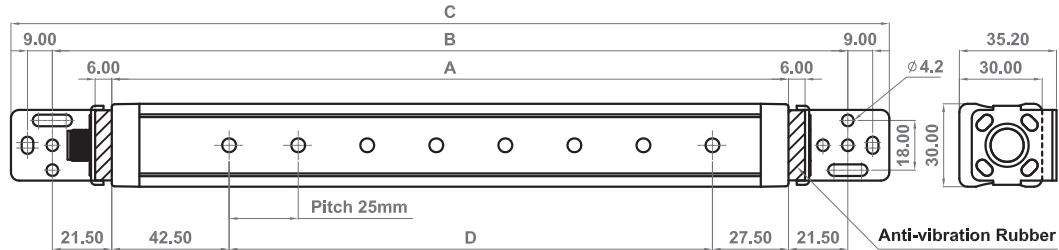


Specification

Model 例：LC25-08 S-E 1 2 3 4	1	Beam pitch：25mm									
	2	Beams：4/6/8/12/16/24/32/40/48/56/64									
	3	Setting distance：SS=1.5m、S=2.5m、L=5m									
	4	E：Metal joints PG：Long outlet 30cm M12 Connector									
MODEL	LC25-04	LC25-08	LC25-12	LC25-16	LC25-24	LC25-32	LC25-40	LC25-48	LC25-56	LC25-64	
BEAMS	4	8	12	16	24	32	40	48	56	64	
SENSIING HEIGHT	75 mm	175 mm	275 mm	375 mm	575 mm	775 mm	975 mm	1175 mm	1375 mm	1575 mm	
BEAM PITCH	25mm										
SETTING DISTANCE	SS=1.5m、S=2.5m、L=5m										
SENSIBLE OBJECT	OPAQUE OBJECT 30ø										
OPERATING VOLTAGE	24 ± 20%VDC；Ripple ±20% P-P MAX										
CURRENT CONSUMPTION	60 mA / 8 BEAMS max.										
OUTPUT METHOD	NPN NO & NPN NC TWO WAY OUTPUT										
OUTPUT CURRENT	100 mA max.										
OUTPUT STATUS	ALL LIGHT CHANNEL LIGHT ON										
PROTECTION CIRCUIT	SHORT CIRCUIT & POLARITY REVERSED PROTECTION										
RESIDUAL VOLTAGE	0.8 V max.										
LEAKAGE CURRENT	0.8 mA max.										
INDICATOR	YELLOW：POWER；GREEN：CLEAR CONDITION；RED：BREAK										
RESPONSE TIME	10 ms max.										
RESET TIME	OUTPUT RESET TIME < 200 ms										
ILLUMINATION	LAMP < 10,000 LUX；SUNLIGHT < 20,000 LUX										
PROTECTION CLASS	IP - 65										
CONNECTION METHOD	M12x1.0 CONNECTOR										
HUOSING MATERIAL	HOUSING：ALLUMINUM；END CAP：PBT；FRONT COVER：ACRYLIC										
CIRCUNSTANCE	0°C ~ 50°C；25% ~ 85% RH										
VIBRATION RESISTANCE	10 ~ 55 HZ / 1.5 mm ·2 Hour / X . Y . Z Direction										
CLASSIFICATION	CE MARK										
EMC STANDARD EMC	ESD：8 KV AIR CHARGE (LEVEL 3) / EN-61000-4-2 RF INTERFERENCE：10 V / M / ENV50140 BURST TEST：2 KV / EN61000-4-4										

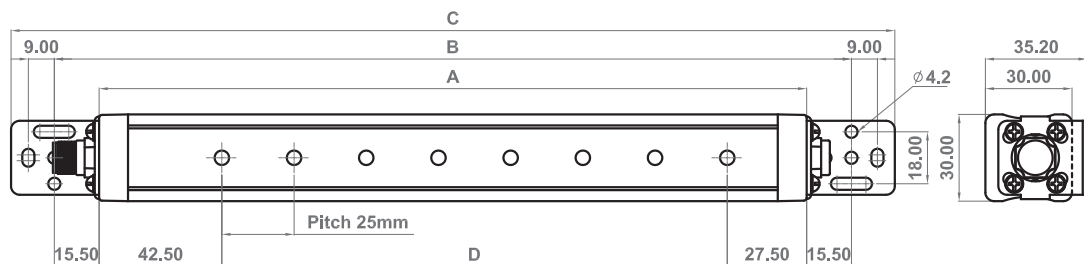
Demension

Anti-vibration fixed method



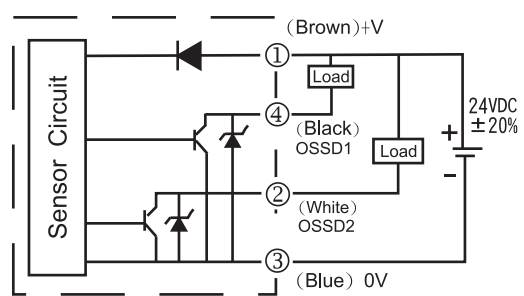
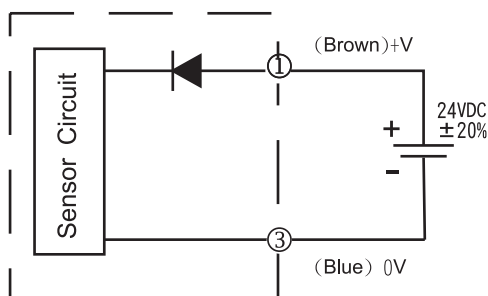
Model	LC25-4	LC25-8	LC25-12	LC25-16	LC25-24	LC25-32	LC25-40	LC25-48	LC25-56	LC25-64
A(mm)	145	245	345	445	645	845	1045	1245	1445	1645
B(mm)	188	288	388	488	688	888	1088	1288	1488	1688
C(mm)	218	318	418	518	718	918	1118	1318	1518	1718
D(mm)	75	175	275	375	575	775	975	1175	1375	1575

General fixed method



Model	LC25-4	LC25-8	LC25-12	LC25-16	LC25-24	LC25-32	LC25-40	LC25-48	LC25-56	LC25-64
A(mm)	145	245	345	445	645	845	1045	1245	1445	1645
B(mm)	176	276	376	476	676	876	1076	1276	1476	1676
C(mm)	206	306	406	506	706	906	1106	1306	1506	1706
D(mm)	75	175	275	375	575	775	975	1175	1375	1575

Connection diagram



Cautions

1. This product is not designed to protect [life] , [bodily injury] or [property damage] from dangerous machinery
2. This product is not conformed to any safety standards
3. The power on delay time of sensor output signal less than 0.2s,pleas do not use the sensor output signal this time
4. IT may cause malfunction, if put the sensor cable with the power lines or high voltage lines
5. IT is suggested to settle the protection system with two outputs of sensor to avoid occurring danger, if one of the two output is broke down
6. IF may be malfunction, if the sensor affected by the reflected light from the glossy object