

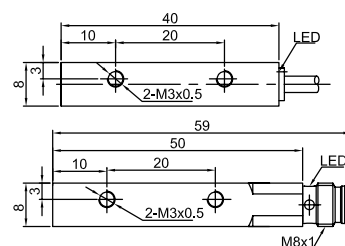
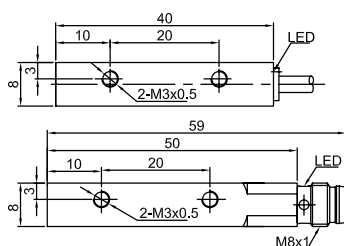
Item Code	LE81		LE82	
Mounting	● Flushed	● Flushed	● Flushed	● Flushed
Sensing distance	1.5mm	1.5mm	1.5mm	1.5mm



Output	NPN NO	LE81VF15DNO	LE81VF15DNO-E1	LE82VF15DNO	LE82VF15DNO-E1
	NPN NC	LE81VF15DNC	LE81VF15DNC-E1	LE82VF15DNC	LE82VF15DNC-E1
Output	PNP NO	LE81VF15DPO	LE81VF15DPO-E1	LE82VF15DPO	LE82VF15DPO-E1
	PNP NC	LE81VF15DPC	LE81VF15DPC-E1	LE82VF15DPC	LE82VF15DPC-E1

Technical Parameter					
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<100mA	<100mA	<100mA	<100mA	<100mA
Voltage drop	< 2.5V	< 2.5V	< 2.5V	< 2.5V	< 2.5V
Consumption current	<10mA	<10mA	<10mA	<10mA	<10mA
Hysteresis	1...20%	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%	<3%
Frequency	2000Hz	2000Hz	2000Hz	2000Hz	2000Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	yes	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes	yes
Short-circuit protection	...	...	...	...	...
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67	IP67
Housing material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Connection	2m PVC Cable	M8 Connector	2m PVC Cable	M8 Connector	M8 Connector
Certification	CE U _L	CE U _L	CE U _L	CE U _L	CE U _L

* Cable material and length can be customized



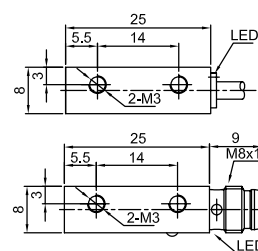
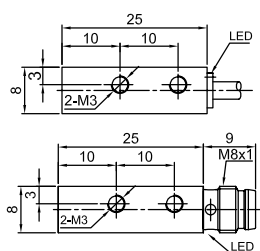
Item Code	LE83		LE84	
Mounting	● Flushed	● Flushed	● Flushed	● Flushed
Sensing distance	1.5mm	1.5mm	1.5mm	1.5mm



Output	NPN NO	LE83VF15DNO	LE83VF15DNO-E1	LE84VF15DNO	LE84VF15DNO-E1
	NPN NC	LE83VF15DNC	LE83VF15DNC-E1	LE84VF15DNC	LE84VF15DNC-E1
Output	PNP NO	LE83VF15DPO	LE83VF15DPO-E1	LE84VF15DPO	LE84VF15DPO-E1
	PNP NC	LE83VF15DPC	LE83VF15DPC-E1	LE84VF15DPC	LE84VF15DPC-E1

Technical Parameter				
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<100mA	<100mA	<100mA	<100mA
Voltage drop	< 2.5V	< 2.5V	< 2.5V	< 2.5V
Consumption current	<10mA	<10mA	<10mA	<10mA
Hysteresis	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%
Frequency	2000Hz	2000Hz	2000Hz	2000Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes
Short-circuit protection	...	...	...	...
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67
Housing material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Connection	2m PVC Cable	M8 Connector	2m PVC Cable	M8 Connector
Certification	CE U _L	CE U _L	CE U _L	CE U _L

* Cable material and length can be customized



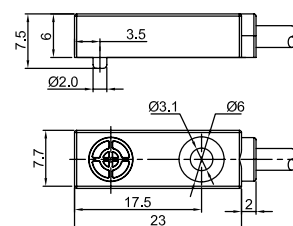
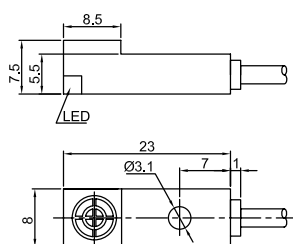
Item Code	LE08	LE08X
Mounting	● Non-flushed	● Non-flushed
Sensing distance	2.5mm	2.5mm



Output	NPN NO	LE08SN25DNO	LE08XSN25DNO
	NPN NC	LE08SN25DNC	LE08XSN25DNC
Output	PNP NO	LE08SN25DPO	LE08XSN25DPO
	PNP NC	LE08SN25DPC	LE08XSN25DPC

Technical Parameter				
Supply voltage		10...30 VDC		10...30 VDC
Switch point drift		< ±10% Sr		< ±10% Sr
Load current		<100mA		<100mA
Voltage drop		< 2.5V		< 2.5V
Consumption current		<10mA		<10mA
Hysteresis		1...20%		1...20%
Repeat accuracy		<3%		<3%
Frequency		1000Hz		1000Hz
Output indicator		Red LED		Red LED
Polarity protection		yes		yes
Surge protection		yes		yes
Short-circuit protection		...		...
Ambient temperature		-25...+70°C		-25...+70°C
Ambient moisture		35...95%		35...95%
Protection degree		IP67		IP67
Housing material		PC		PC
Connection		M12 PVC Cable		2m PVC Cable
Certification		CE UL		CE UL

* Cable material and length can be customized



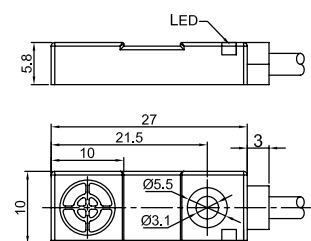
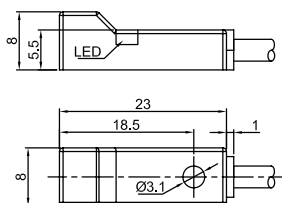
Item Code	LE09	LE11
Mounting	● Non-flushed	● Non-flushed
Sensing distance	2.5 mm	3 mm



Output	NPN NO	LE09SN25DNO	LE11SN03DNO
	NPN NC	LE09SN25DNC	LE11SN03DNC
Output	PNP NO	LE09SN25DPO	LE11SN03DPO
	PNP NC	LE09SN25DPC	LE11SN03DPC

Technical Parameter			
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<100mA	<100mA	<100mA
Voltage drop	< 2.5V	< 2.5V	< 2.5V
Consumption current	<10mA	<10mA	<10mA
Hysteresis	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%
Frequency	1000Hz	1000Hz	1000Hz
Output indicator	Red LED	Red LED	Red LED
Polarity protection	yes	yes	yes
Surge protection	yes	yes	yes
Short-circuit protection	...	...	...
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67
Housing material	PC	PC	PC
Connection	2m PVC Cable	2m PVC Cable	2m PVC Cable
Certification	CE U _L	CE U _L	CE U _L

* Cable material and length can be customized



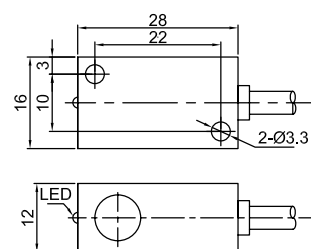
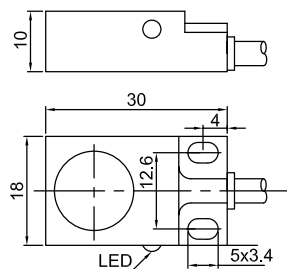
Item Code	LE10		LE16	
Mounting	● Flushed	◐ Non-flushed	● Flushed	◐ Non-flushed
Sensing distance	5mm	8mm	2mm	4mm



Output	NPN NO	LE10SF05DNO	LE10SN08DNO	LE16SF02DNO	LE16SN04DNO
	NPN NC	LE10SF05DNC	LE10SN08DNC	LE16SF02DNC	LE16SN04DNC
Output	PNP NO	LE10SF05DPO	LE10SN08DPO	LE16SF02DPO	LE16SN04DPO
	PNP NC	LE10SF05DPC	LE10SN08DPC	LE16SF02DPC	LE16SN04DPC

Technical Parameter					
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<200mA	<200mA	<200mA	<200mA	<200mA
Voltage drop	< 2.5V	< 2.5V	< 2.5V	< 2.5V	< 2.5V
Consumption current	<10mA	<10mA	<10mA	<10mA	<10mA
Hysteresis	1...20%	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%	<3%
Frequency	1000Hz	800Hz	1000Hz	800Hz	800Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	yes	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes	yes
Short-circuit protection	yes	yes	yes	yes	yes
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67	IP67
Housing material	PBT	PBT	PBT	PBT	PBT
Connection	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable
Certification	CE U _L	CE U _L	CE U _L	CE U _L	CE U _L

* Cable material and length can be customized



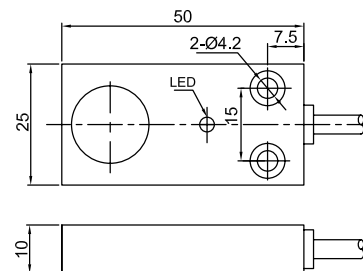
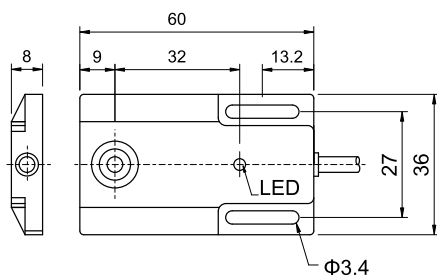
Item Code	LE36		LE50	
Mounting	● Flushed	◐ Non-flushed	● Flushed	◐ Non-flushed
Sensing distance	5mm	8mm	5mm	8mm



Output	NPN NO	LE36SF05DNO	LE36SN08DNO	LE50SF05DNO	LE50SN08DNO
	NPN NC	LE36SF05DNC	LE36SN08DNC	LE50SF05DNC	LE50SN08DNC
Output	PNP NO	LE36SF05DPO	LE36SN08DPO	LE50SF05DPO	LE50SN08DPO
	PNP NC	LE36SF05DPC	LE36SN08DPC	LE50SF05DPC	LE50SN08DPC

Technical Parameter					
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<200mA	<200mA	<200mA	<200mA	<200mA
Voltage drop	< 2.5V	< 2.5V	< 2.5V	< 2.5V	< 2.5V
Consumption current	<10mA	<10mA	<10mA	<10mA	<10mA
Hysteresis	1...20%	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%	<3%
Frequency	700Hz	500Hz	700Hz	500Hz	500Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	yes	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes	yes
Short-circuit protection	yes	yes	yes	yes	yes
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67	IP67
Housing material	PBT	PBT	PBT	PBT	PBT
Connection	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable
Certification	CE U _L	CE U _L	CE U _L	CE U _L	CE U _L

* Cable material and length can be customized



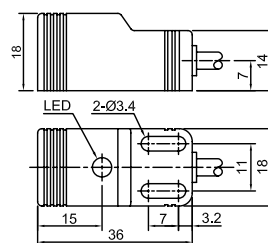
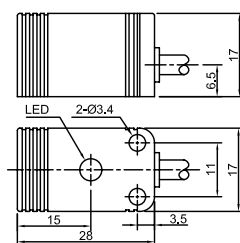
Item Code	LE17		LE18	
Mounting	● Flushed	◐ Non-flushed	● Flushed	◐ Non-flushed
Sensing distance	5mm	8mm	5mm	8mm



Output	NPN NO	LE17SF05DNO	LE17SN08DNO	LE18SF05DNO	LE18SN08DNO
	NPN NC	LE17SF05DNC	LE17SN08DNC	LE18SF05DNC	LE18SN08DNC
Output	PNP NO	LE17SF05DPO	LE17SN08DPO	LE18SF05DPO	LE18SN08DPO
	PNP NC	LE17SF05DPC	LE17SN08DPC	LE18SF05DPC	LE18SN08DPC

Technical Parameter					
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<200mA	<200mA	<200mA	<200mA	<200mA
Voltage drop	< 2.5V	< 2.5V	< 2.5V	< 2.5V	< 2.5V
Consumption current	<10mA	<10mA	<10mA	<10mA	<10mA
Hysteresis	1...20%	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%	<3%
Frequency	700Hz	500Hz	700Hz	500Hz	500Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	yes	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes	yes
Short-circuit protection	yes	yes	yes	yes	yes
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67	IP67
Housing material	PBT	PBT	PBT	PBT	PBT
Connection	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable
Certification	CE U _L	CE U _L	CE U _L	CE U _L	CE U _L

* Cable material and length can be customized



Item Code	LE20		LE25	
Mounting	● Flushed	◐ Non-flushed	● Flushed	◐ Non-flushed
Sensing distance	5mm	8mm	7mm	10mm

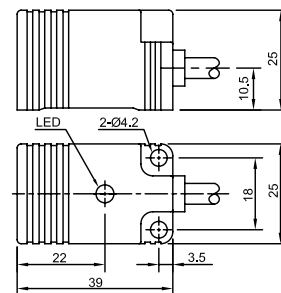
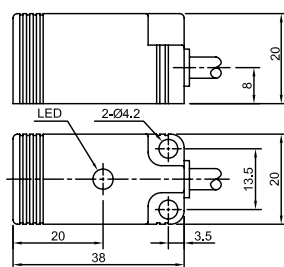


Output	NPN NO	LE20SF05DNO	LE20SN08DNO	LE25SF07DNO	LE25SN10DNO
	NPN NC	LE20SF05DNC	LE20SN08DNC	LE25SF07DNC	LE25SN10DNC
Output	PNP NO	LE20SF05DPO	LE20SN08DPO	LE25SF07DPO	LE25SN10DPO
	PNP NC	LE20SF05DPC	LE20SN08DPC	LE25SF07DPC	LE25SN10DPC

Technical Parameter

Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<100mA	<100mA	<100mA	<100mA
Voltage drop	< 2.5V	< 2.5V	< 2.5V	< 2.5V
Consumption current	<10mA	<10mA	<10mA	<10mA
Hysteresis	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%
Frequency	700Hz	500Hz	700Hz	500Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes
Short-circuit protection	yes	yes	yes	yes
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67
Housing material	PBT	PBT	PBT	PBT
Connection	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable
Certification	CE U _L	CE U _L	CE U _L	CE U _L

* Cable material and length can be customized



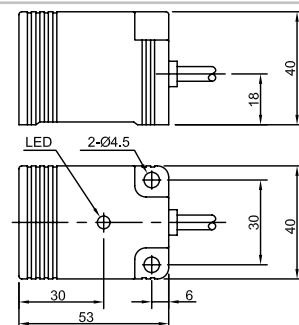
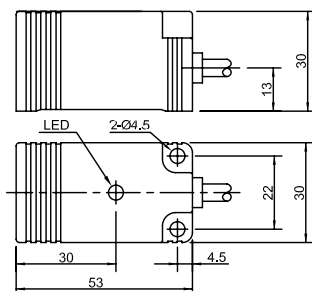
Item Code	LE30		LE40	
Mounting	● Flushed	◐ Non-flushed	● Flushed	◐ Non-flushed
Sensing distance	10mm	15mm	15mm	20mm



Output	NPN NO	LE30SF10DNO	LE30SN15DNO	LE40SF15DNO	LE40SN20DNO
	NPN NC	LE30SF10DNC	LE30SN15DNC	LE40SF15DNC	LE40SN20DNC
	NPN NO+NC	LE30SF10DNR	LE30SN15DNR	LE40SF15DNR	LE40SN20DNR
Output	PNP NO	LE30SF10DPO	LE30SN15DPO	LE40SF15DPO	LE40SN20DPO
	PNP NC	LE30SF10DPC	LE30SN15DPC	LE40SF15DPC	LE40SN20DPC
	PNP NO+NC	LE30SF10DPR	LE30SN15DPR	LE40SF15DPR	LE40SN20DPR

Technical Parameter					
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<200mA	<200mA	<200mA	<200mA	<200mA
Voltage drop	< 2.5V	< 2.5V	< 2.5V	< 2.5V	< 2.5V
Consumption current	<10mA	<10mA	<10mA	<10mA	<10mA
Hysteresis	1...20%	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%	<3%
Frequency	500Hz	300Hz	400Hz	200Hz	
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED	
Polarity protection	yes	yes	yes	yes	
Surge protection	yes	yes	yes	yes	
Short-circuit protection	yes	yes	yes	yes	
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C	
Ambient moisture	35...95%	35...95%	35...95%	35...95%	
Protection degree	IP67	IP67	IP67	IP67	
Housing material	PBT	PBT	PBT	PBT	
Connection	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable	
Certification	CE U _L	CE U _L	CE U _L	CE U _L	

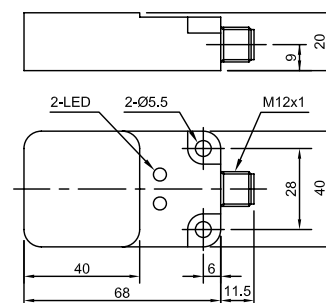
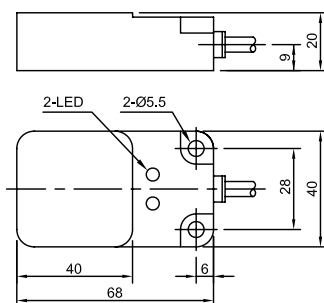
* Cable material and length can be customized



Item Code		LE68		LE68	
Mounting		● Flushed	◐ Non-flushed	● Flushed	◐ Non-flushed
Sensing distance		15mm	25mm	15mm	25mm
					
					
Output	NPN NO	LE68SF15DNO	LE68SN25DNO	LE68SF15DNO-E2	LE68SN25DNO-E2
	NPN NC	LE68SF15DNC	LE68SN25DNC	LE68SF15DNC-E2	LE68SN25DNC-E2
	NPN NO+NC	LE68SF15DNR	LE68SN25DNR	LE68SF15DNR-E2	LE68SN25DNR-E2
Output	PNP NO	LE68SF15DPO	LE68SN25DPO	LE68SF15DPO-E2	LE68SN25DPO-E2
	PNP NC	LE68SF15DPC	LE68SN25DPC	LE68SF15DPC-E2	LE68SN25DPC-E2
	PNP NO+NC	LE68SF15DPR	LE68SN25DPR	LE68SF15DPR-E2	LE68SN25DPR-E2

Technical Parameter					
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<200mA	<200mA	<200mA	<200mA	<200mA
Voltage drop	< 2.5V	< 2.5V	< 2.5V	< 2.5V	< 2.5V
Consumption current	<10mA	<10mA	<10mA	<10mA	<10mA
Hysteresis	1...20%	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%	<3%
Frequency	500Hz	300Hz	500Hz	300Hz	300Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	yes	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes	yes
Short-circuit protection	yes	yes	yes	yes	yes
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67	IP67
Housing material	PBT	PBT	PBT	PBT	PBT
Connection	2m PVC Cable	2m PVC Cable	M12 Connector	M12 Connector	M12 Connector
Certification	CE U _L	CE U _L	CE U _L	CE U _L	CE U _L

* Cable material and length can be customized



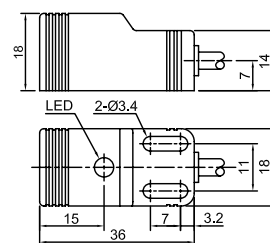
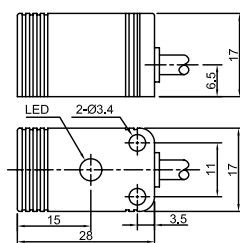
Item Code	LE17		LE18	
Mounting	● Flushed	● Non-flushed	● Flushed	● Non-flushed
Sensing distance	5mm	8mm	5mm	8mm



Output	DC 2 Wires NO	LE17SF05DLO	LE17SN08DLO	LE18SF05DLO	LE18SN08DLO
	DC 2 Wires NC	LE17SF05DLC	LE17SN08DLC	LE18SF05DLC	LE18SN08DLC

Technical Parameter					
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<100mA	<100mA	<100mA	<100mA	<100mA
Voltage drop	<8V	<8V	<8V	<8V	<8V
Leakage current	<1mA	<1mA	<1mA	<1mA	<1mA
Hysteresis	1...20%	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%	<3%
Frequency	500Hz	300Hz	500Hz	300Hz	300Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	yes	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes	yes
Short-circuit protection	...	...	...	...	...
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67	IP67
Housing material	PBT	PBT	PBT	PBT	PBT
Connection	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable
Certification	CE U _L	CE U _L	CE U _L	CE U _L	CE U _L

* Cable material and length can be customized



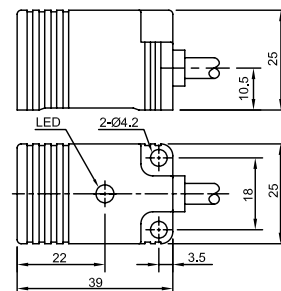
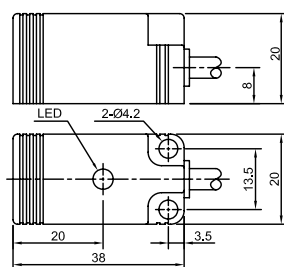
Item Code	LE20		LE25	
Mounting	● Flushed	● Non-flushed	● Flushed	● Non-flushed
Sensing distance	5mm	8mm	7mm	10mm



Output	DC 2 Wires NO	LE20SF05DLO	LE20SN08DLO	LE25SF07DLO	LE25SN10DLO
	DC 2 Wires NC	LE20SF05DLC	LE20SN08DLC	LE25SF07DLC	LE25SN10DLC

Technical Parameter					
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<100mA	<100mA	<100mA	<100mA	<100mA
Voltage drop	<8V	<8V	<8V	<8V	<8V
Leakage current	<1mA	<1mA	<1mA	<1mA	<1mA
Hysteresis	1...20%	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%	<3%
Frequency	500Hz	300Hz	500Hz	300Hz	300Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	yes	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes	yes
Short-circuit protection	...	...	...	...	...
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67	IP67
Housing material	PBT	PBT	PBT	PBT	PBT
Connection	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable
Certification	CE U _L	CE U _L	CE U _L	CE U _L	CE U _L

* Cable material and length can be customized



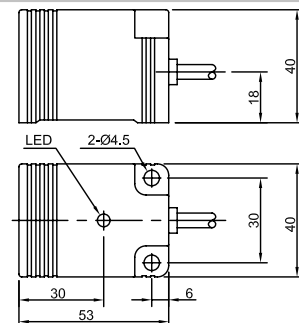
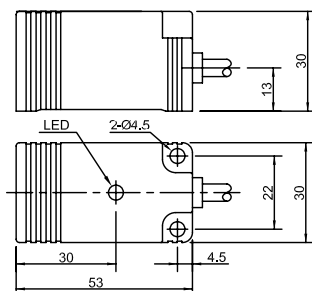
Item Code	LE30		LE40	
Mounting	● Flushed	● Non-flushed	● Flushed	● Non-flushed
Sensing distance	10mm	15mm	15mm	20mm

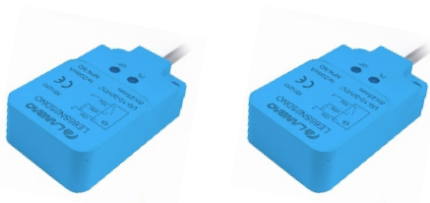


Output	DC 2 Wires NO	LE30SF10DLO	LE30SN15DLO	LE40SF15DLO	LE40SN20DLO
	DC 2 Wires NC	LE30SF10DLC	LE30SN15DLC	LE40SF15DLC	LE40SN20DLC

Technical Parameter					
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<100mA	<100mA	<100mA	<100mA	<100mA
Voltage drop	<6V	<6V	<6V	<6V	<6V
Leakage current	<1mA	<1mA	<1mA	<1mA	<1mA
Hysteresis	1...20%	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%	<3%
Frequency	500Hz	300Hz	500Hz	300Hz	300Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	yes	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes	yes
Short-circuit protection	...	...	...	...	...
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67	IP67
Housing material	PBT	PBT	PBT	PBT	PBT
Connection	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable
Certification	CE U _L	CE U _L	CE U _L	CE U _L	CE U _L

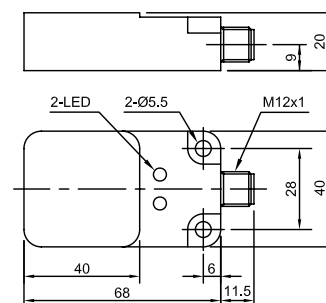
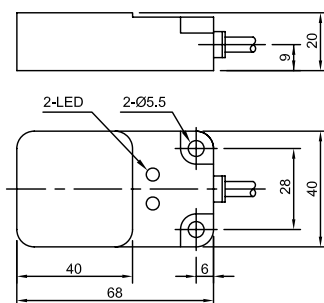
* Cable material and length can be customized



Item Code		LE68		LE68	
Mounting		● Flushed	● Non-flushed	● Flushed	● Non-flushed
Sensing distance		15mm	25mm	15mm	25mm
					
Output	DC 2 Wires NO	LE68SF15DLO	LE68SN25DLO	LE68SF15DLO-E2	LE68SN25DLO-E2
	DC 2 Wires NC	LE68SF15DLC	LE68SN25DLC	LE68SF15DLC-E2	LE68SN25DLC-E2

Technical Parameter					
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<100mA	<100mA	<100mA	<100mA	<100mA
Voltage drop	<6V	<6V	<6V	<6V	<6V
Leakage current	<1mA	<1mA	<1mA	<1mA	<1mA
Hysteresis	1...20%	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%	<3%
Frequency	500Hz	300Hz	500Hz	300Hz	300Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	yes	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes	yes
Short-circuit protection	...	...	...	...	...
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67	IP67
Housing material	PBT	PBT	PBT	PBT	PBT
Connection	2m PVC Cable	2m PVC Cable	M12 Connector	M12 Connector	M12 Connector
Certification	CE U _L	CE U _L	CE U _L	CE U _L	CE U _L

* Cable material and length can be customized



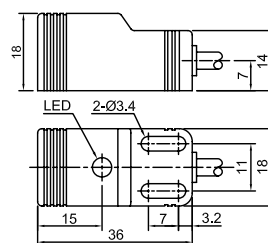
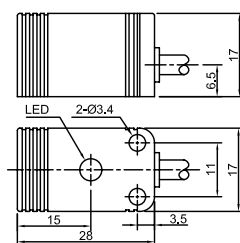
Item Code	LE17		LE18	
Mounting	● Flushed	● Non-flushed	● Flushed	● Non-flushed
Sensing distance	5mm	8mm	5mm	8mm



Output	AC 2 Wires NO	LE17SF05BTO	LE17SN08BTO	LE18SF05BTO	LE18SN08BTO
	AC 2 Wires NC	LE17SF05BTC	LE17SN08BTC	LE18SF05BTC	LE18SN08BTC

Technical Parameter					
Supply voltage	90...250 VAC	90...250 VAC	90...250 VAC	90...250 VAC	90...250 VAC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<200mA	<200mA	<200mA	<200mA	<200mA
Voltage drop	<10V	<10V	<10V	<10V	<10V
Leakage current	<3mA	<3mA	<3mA	<3mA	<3mA
Hysteresis	1...20%	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%	<3%
Frequency	20Hz	20Hz	20Hz	20Hz	20Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	...	...	...	...	...
Surge protection	yes	yes	yes	yes	yes
Short-circuit protection	...	...	...	...	...
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67	IP67
Housing material	PBT	PBT	PBT	PBT	PBT
Connection	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable
Certification	CE U L	CE U L	CE U L	CE U L	CE U L

* Cable material and length can be customized



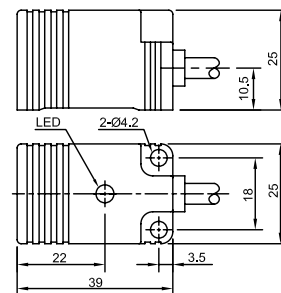
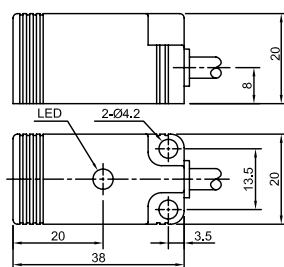
Item Code	LE20		LE25	
Mounting	● Flushed	● Non-flushed	● Flushed	● Non-flushed
Sensing distance	5mm	8mm	7mm	10mm



Output	AC 2 Wires NO	LE20SF05BTO	LE20SN08BTO	LE25SF07BTO	LE25SN10BTO
	AC 2 Wires NC	LE20SF05BTC	LE20SN08BTC	LE25SF07BTC	LE25SN10BTC

Technical Parameter					
Supply voltage	90...250 VAC	90...250 VAC	90...250 VAC	90...250 VAC	90...250 VAC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<200mA	<200mA	<200mA	<200mA	<200mA
Voltage drop	<10V	<10V	<10V	<10V	<10V
Leakage current	<3mA	<3mA	<3mA	<3mA	<3mA
Hysteresis	1...20%	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%	<3%
Frequency	20Hz	20Hz	20Hz	20Hz	20Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	...	...	...	...	...
Surge protection	yes	yes	yes	yes	yes
Short-circuit protection	...	...	...	...	...
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67	IP67
Housing material	PBT	PBT	PBT	PBT	PBT
Connection	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable
Certification	CE U L	CE U L	CE U L	CE U L	CE U L

* Cable material and length can be customized



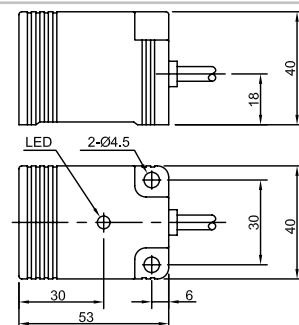
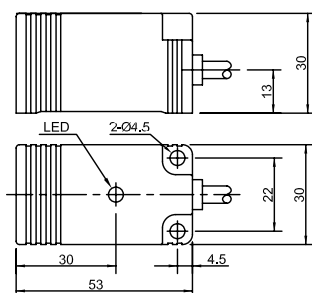
Item Code	LE30		LE40	
Mounting	● Flushed	● Non-flushed	● Flushed	● Non-flushed
Sensing distance	10mm	15mm	15mm	20mm

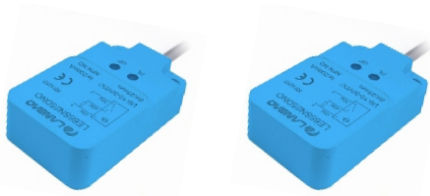
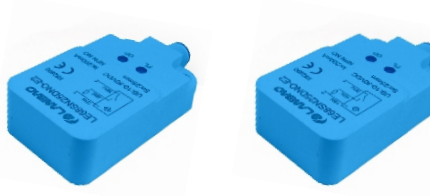


Output	AC 2 Wires NO	LE30SF10ATO	LE30SN15ATO	LE40SF15ATO	LE40SN20ATO
	AC 2 Wires NC	LE30SF10ATC	LE30SN15ATC	LE40SF15ATC	LE40SN20ATC

Technical Parameter					
Supply voltage	20...250 VAC	20...250 VAC	20...250 VAC	20...250 VAC	20...250 VAC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<300mA	<300mA	<300mA	<300mA	<300mA
Voltage drop	<10V	<10V	<10V	<10V	<10V
Leakage current	<3mA	<3mA	<3mA	<3mA	<3mA
Hysteresis	1...20%	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%	<3%
Frequency	20Hz	20Hz	20Hz	20Hz	20Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	...	...	...	...	...
Surge protection	yes	yes	yes	yes	yes
Short-circuit protection	...	...	...	...	...
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67	IP67
Housing material	PBT	PBT	PBT	PBT	PBT
Connection	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable	2m PVC Cable
Certification	CE U L	CE U L	CE U L	CE U L	CE U L

* Cable material and length can be customized



Item Code		LE68		LE68	
Mounting		● Flushed	● Non-flushed	● Flushed	● Non-flushed
Sensing distance		15mm	25mm	15mm	25mm
					
Output	AC 2 Wires NO	LE68SF15ATO	LE68SN25ATO	LE68SF15ATO-E2	LE68SN25ATO-E2
	AC 2 Wires NC	LE68SF15ATC	LE68SN25ATC	LE68SF15ATC-E2	LE68SN25ATC-E2

Technical Parameter					
Supply voltage	20...250 VAC	20...250 VAC	20...250 VAC	20...250 VAC	20...250 VAC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<300mA	<300mA	<300mA	<300mA	<300mA
Voltage drop	<10V	<10V	<10V	<10V	<10V
Leakage current	<3mA	<3mA	<3mA	<3mA	<3mA
Hysteresis	1...20%	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<3%	<3%	<3%	<3%	<3%
Frequency	20Hz	20Hz	20Hz	20Hz	20Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	...	...	...	...	...
Surge protection	yes	yes	yes	yes	yes
Short-circuit protection	...	...	...	...	...
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67	IP67
Housing material	PBT	PBT	PBT	PBT	PBT
Connection	2m PVC Cable	2m PVC Cable	M12 Connector	M12 Connector	M12 Connector
Certification	CE U L	CE U L	CE U L	CE U L	CE U L

* Cable material and length can be customized

