

# MINIATURE 1040/1050

## PHOTOELECTRIC SENSORS

### ADVANTAGES

- ✓ Rugged metal housing
- ✓ Rugged sapphire-glass or glass sensing face, scratch & chemically resistant
- ✓ Shock & vibration resistant due to fully vacuum-potted electronics
- ✓ Accurate target detection due to cylindrical light beam

### WIRING DIAGRAM

PNP or NPN, 1 output



OVERVIEW	1040 / 1050
Housing material	Stainless steel V2A
Emitter	IR LED 880 nm
Degree of protection	IP 67
Supply voltage range	10 ... 30 VDC
Ambient temperature range	0 ... +55 °C / 32 ... +131 °F
Output current	≤ 100 mA
Switching frequency	≤ 250 Hz

# 1040 SERIES



1040

Ø 4	Ø 4	Ø 4
DIFFUSE SENSOR	DIFFUSE SENSOR	THROUGH-BEAM SENSOR
50	50	250

Inductive



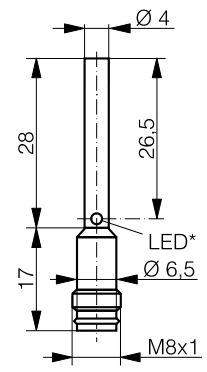
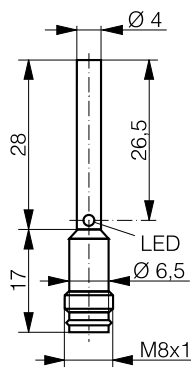
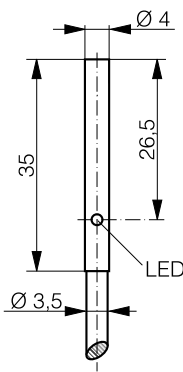
Photoelectric

Safety

RFID

Connectivity

Accessories



\* receiver only

IO-Link 2019	IO-Link 2019	IO-Link 2019
Glass	Glass	Glass
LTK-1040-303	LTS-1040-303	LLS-1040-200
LTK-1040-301	LTS-1040-301	LLS-1040-204 (receiver)
		LLS-1040-202 (receiver)
		Cable version

Glossary

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# 1050 SERIES



1050

M5	
THROUGH-BEAM SENSOR	
250	

Inductive



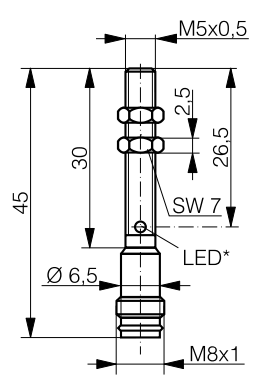
Photoelectric

Safety

RFID

Connectivity

Accessories



\* receiver only

Glossary

IO-Link 2019	
Glass	
LLS-1050-200	
LLS-1050-204 (receiver)	
LLS-1050-202 (receiver)	
Cable version	

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# MINIATURE 0507

## PHOTOELECTRIC SENSORS

### ADVANTAGES

- ✓ Rugged metal housing
- ✓ Rugged sapphire-glass or glass sensing face, scratch & chemically resistant
- ✓ Shock & vibration resistant due to fully vacuum-potted electronics

### WIRING DIAGRAM

PNP or NPN, 1 output



OVERVIEW	0507
Housing material	Stainless steel V2A
Light source	IR LED 880 nm
Degree of protection	IP 67
Supply voltage range	10 ... 30 VDC
Ambient temperature range	0 ... +55°C / 32 ... +131 °F
Output current	≤ 100 mA
Switching frequency	≤ 250 Hz

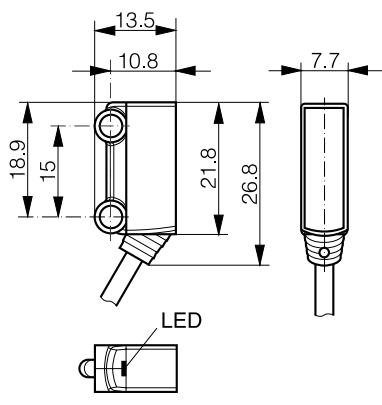
# C12 SERIES



C12

□ 13 X 21 X 7	
THROUGH-BEAM SENSOR	
2000	

Inductive
Photoelectric
Safety
RFID
Connectivity
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-	
LLR-C12PA-NMK-300	
LLR-C12PA-NMK-304 (receiver)	
LLR-C12PA-NMK-302 (receiver)	
0.2 m cable + connector S8	