


STANDARD 1120

PHOTOELECTRIC SENSORS

ADVANTAGES

- ✓ M12 sensor series
- ✓ Rugged metal housing
- ✓ Shock & vibration resistant due to fully potted electronics
- ✓ Laser types (protection class 2) for accurate detection of smallest targets
- ✓ Sensing range up to 50 m
- ✓  **IO-Link** in 2019

WIRING DIAGRAM

PNP or NPN, 1 output



OVERVIEW	1120	1121L
Housing material	Chrome-plated brass	Stainless steel V2A
Degree of protection	IP 67	IP 67
Laser protection class	--	2
Supply voltage range	10...36 VDC	10 ... 36 VDC
Ambient temperature range	-25...+55 °C / -13...+131 °F	-10...+50 °C / +14...+122 °F
Output current	≤ 200 mA	≤ 200 mA
Switching frequency	≤ 1000 Hz	≤ 5000 Hz

1120 SERIES



1120

PHOTOELECTRIC

HOUSING SIZE	M12	M12
OPERATING PRINCIPLE	DIFFUSE SENSOR	DIFFUSE SENSOR
SENSING RANGE MM	300	300

Inductive



Photoelectric

Safety

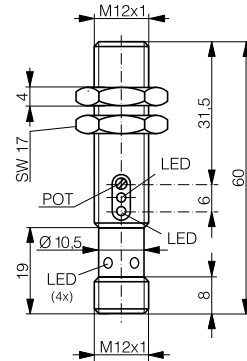
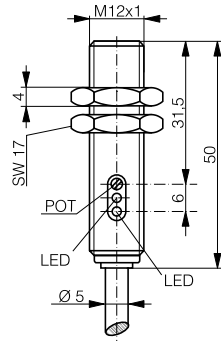
RFID

Connectivity

Accessories

Glossary

Index

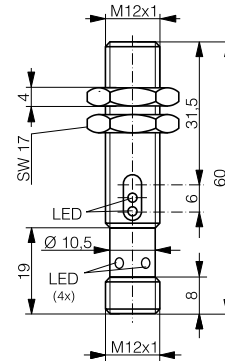
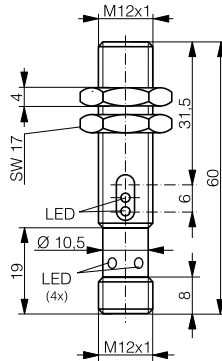


DATA	IO-Link 2019	IO-Link 2019
Light source	LED red 660 nm	LED red 660 nm
Setup	Potentiometer	Potentiometer
PNP Light-ON	LTK-1120-303	
NPN Light-ON	LTK-1120-301	LTS-1120-301
Other types available		

STANDARD

PHOTOELECTRIC

HOUSING SIZE	M12	M12
OPERATING PRINCIPLE	REFLEX SENSOR	THROUGH-BEAM SENSOR
SENSING RANGE MM	1500	10,000



DATA	IO-Link 2019	IO-Link 2019
Light source	LED red polarized 660 nm	LED red 660 nm
Setup	-	-
Emitter		LLS-1120-200 (emitter)
PNP Dark-ON	LRS-1120-304	LLS-1120-204 (receiver)
NPN Dark-ON	LRS-1120-302	LLS-1120-202 (receiver)
Other types available	Cable version	Cable version

1120 SERIES



1120

M12	
THROUGH-BEAM SENSOR	
50,000	

Inductive

Photoelectric

Safety

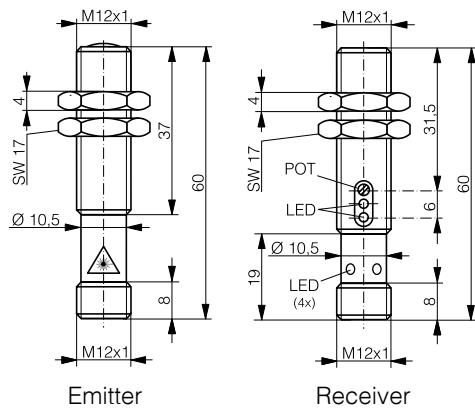
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Glossary

Index



Laser red pulsed 660 nm

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LLS-1121L-200 (emitter)

LLS-1121L-204 (receiver)

LLS-1121L-202 (receiver)

Cable version