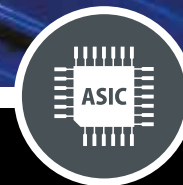




PHOTOELECTRIC SENSORS

# M18 SERIES

SHORTER,  
MORE POWERFUL



- ✓ First-class sensing ranges
- ✓ Small housing: M18 x 33 mm (cable version), M18 x 37 mm (connector version)
- ✓ Excellent background suppression characteristics with pinpoint LED
- ✓ Mutual interference immunity
- ✓ IO-Link on all PNP sensors
- ✓ Easy flush mounting
- ✓ Easy-to-mount special accessories for right-angle emission

A  
Swiss  
Company

**CONTRINEX**  
SENSORS SAFETY RFID

# PHOTOELECTRIC M18 SERIES

## HIGH SPECIFICATION ASIC SENSOR IN SHORT M18 PLASTIC HOUSING WITH IO-LINK

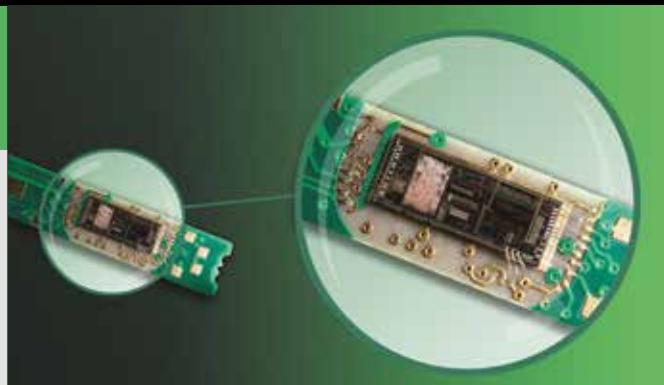
The new M18 photoelectric sensor series with short plastic housing offers advanced diffuse, reflex, through-beam and background suppression operating principles that provide solutions for a wide range of industries and applications. The series is complemented by accessories for right-angle emission. With IO-Link communication on all PNP sensors, the M18 series fills the gap between machines and the digital world, meeting the demands of smart factories.

PART REFERENCE	ART. NO.	SN	OPERATING PRINCIPLE	CONNECTION
LTR-M18PA-PMK-403	620-600-168	1200 mm	Diffuse	Cable
LTR-M18PA-PMS-403	620-600-174	1200 mm	Diffuse	Connector M12
LRR-M18PA-NMK-404	620-600-182	7000 mm	Retro-reflex	Cable
LRR-M18PA-NMS-404	620-600-188	7000 mm	Retro-reflex	Connector M12
LLR-M18PA-NMK-400	620-600-194	30,000 mm	Through-beam (emitter)	Cable
LLR-M18PA-NMS-400	620-600-195	30,000 mm	Through-beam (emitter)	Connector M12
LLR-M18PA-NMK-404	620-600-196	30,000 mm	Through-beam (receiver)	Cable
LLR-M18PA-NMS-404	620-600-202	30,000 mm	Through-beam (receiver)	Connector M12
LHR-M18PA-PMK-403	620-600-208	250 mm*	Background suppression	Cable
LHR-M18PA-PMS-403	620-600-214	250 mm*	Background suppression	Connector M12
LHR-M18PA-TMK-403	620-600-220	250 mm*	Background suppression	Cable
LHR-M18PA-TMS-403	620-600-226	250 mm*	Background suppression	Connector M12

\* preliminary

## POWERFUL CONTRINEX ASIC FROM THE WORLD LEADER IN SENSOR ASIC TECHNOLOGY

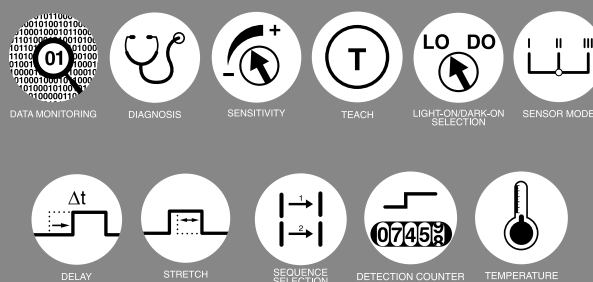
- First-class sensing ranges, trimmed in production
- Emitting current regulation
- Mutual interference immunity
- Adjustment processing via potentiometer or teach button
- Stability alarm processing
- Integrated IO-Link



## IO-Link

### SMART COMMUNICATION WITH CONTRINEX SENSORS

- Continuous monitoring of process data
- Continuous diagnosis of sensor status
- Advanced parameter settings, sensitivity adjustment, remote teach function
- Easy check of sensor ID, to ensure the right sensor is at the right place



Terms of delivery and right to change design reserved.

#### HEADQUARTERS

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