

TAKEX - M5, M6 PHOTOELECTRIC SENSORS WITH BUILT-IN AMPLIFIER

UXT100D-PNP

Photosensor M5 through beam 1m cable

- Stainless housing and chemical-resistant lenses
- Side-facing through-beam in M5 housing
- Built-in amplifier
- IP67

**PRODUCT DESCRIPTION**

The UX series of photoelectric sensors come with a built-in amplifier. In terms of size, they are similar to fibre but no separate amplifiers are required. The stainless steel housings and polysulphone lenses are chemical-resistant and so these photoelectric sensors are ideal for use anywhere where cleanliness is required, such as when working with food or medicines, where the photoelectric sensors will come into contact with detergents.

TECHNICAL DATA

Approvals	CE
Distance min	0 mm
Electrical connection	Embedded 2m cable
Function	dark on
IP class	IP67
Lens material	Polysulfone
Light type	Red LED
Light/dark switching	Yes
Material of body	Stainless steel
Output	PNP
Output current max	0.08 A
Photocell technology	Transmitter / receiver
Power consumption max	0.015 A
Reaction time	0.5 ms
Sensing distance	1000 mm
Temperature operational max	55 °C

Temperature operational min	-25 °C
Voltage dc max	24 V
Voltage dc min	12 V

