

XU DATA SHEET



PHOTO-ELECTRIC DETECTOR
PRODUCT REFERENCE : XU2-M18PP9A2R

THRU-BEAM SYSTEM, RECEIVER
LIGHT-ON, 3 WIRES TYPE + COUNT OUTPUT

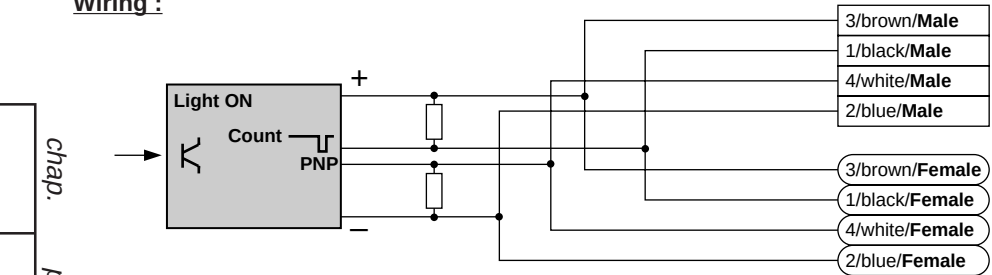
Mechanical characteristics :

REFERENCE O & K	SN2 265 434
Colour label	Grey
Metal case	
Cylindrical type threaded	M18x1
Lenght	64 mm
Connection mode	2 cables (L=20 cm) with moulded end connector type A Ø18
Degree of protection	IP67
Nominal sensing distance	20 m (with XU2-M18KP9A2)
Operating temperature	- 25° C to + 55° C
Output state signal	Red LED

Electrical characteristics :

Voltage limit (50 to 60 Hz)	10 to 30V
Switching capacity (maximum) with overload and short-circuit protection	100 mA
Voltage drop max, closed state	1,8V
Current consumption, no load	8 mA
Delays first up	5 ms
response	3 ms
recovery	3 ms
Count output : pulse	100 µs < width < 300 µs
Maximum current	20 mA without protection

Wiring :



Application : Presence sensing for escalator start system. See O & K data sheet.

PHOTO-ELECTRIC DETECTOR
PRODUCT REFERENCE : XU2-M18KP9A2T

THRU-BEAM SYSTEM, TRANSMITTER

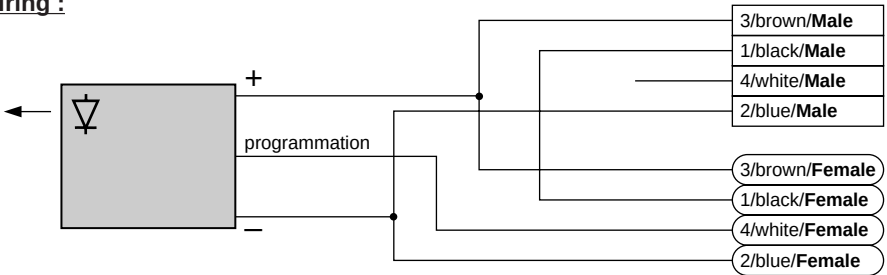
Mechanical characteristics :

REFERENCE O & K	SN2 265 433
Colour label	Red
Metal case	
Cylindrical type threaded	M18x1
Lenght	64 mm
Connection mode	2 cables (L=20 cm) with moulded end connector type A Ø18
Degree of protection	IP67
Nominal sensing distance	20 m (with XU2-M18PP9A2)
Operating temperature	- 25° C to + 55° C

Electrical characteristics :

Voltage limit (50 to 60 Hz) with protection against reverse polarity	10 to 30V
Current consumption	16 mA
Delays first up	< 2 ms
On / Off programmable switching	On when "Prog" connect to + Alim.
Frequency	1 KHz

Wiring :



Application : Presence sensing for escalator start system. See O & K data sheet.