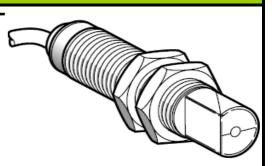
# Schneider Electric

# DATA SHEET

### XU2N18KP9AAS27

Photo-electric sensor, Transmitter
Osisense XU Application thru beam
Food and Beverage processing serie
Stainless steel case M18x1
Three-wire, D. C. supply



the state of the s		
Format		Cylindrical, M18 x 1
Certifications		CE
Electrical connection		Pre-cabled, 5m cable length, 3x0,34mm2,
		Ø ext.5mm
Nominal Sensing distance	Excess gain = 2	4 m (with receiver XU2N18PP9AAS27)
Maximum Sensing distance	Excess gain = 1	5,20m (with receiver XU2N18PP9AAS27)
Beam axis		Line of sight 90° to case axis
Type d'émission		Infrared
Degree of protection	Conforming to IEC 60529	IP65, IP67, double insulation
Storage température range		-40℃ to +70℃
Operating température range		-25℃ to +55℃
Materials	Case	Stainless steel, grade 305 Cu
	Lens	PMMA
	Cable	PUR
Vibration resistance	Conforming to IEC 60068-2-6	25gn, amplitude +/-1,5 mm (f= 10 à 55Hz)
Shock resistance	Conforming to IEC 60068-2-27	30gn, duration 11 ms
Indicator lights	Supply on	Green LED
Rated supply voltage		12 to 24 Volts DC with protection against reverse polarity
Voltage limits (inculding ripple)		10 to 30 Volts DC

#### Connections

**Current consumption** 

Caractéristiques

#### Pre-cabled

**Delays** 

- (-) BU (Blue)
- (+) BN (Brown)

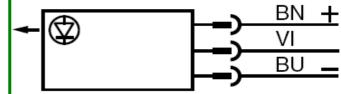
(Beam break input) VI (Violet)

First-up

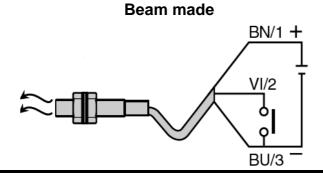
## Wiring scheme

< 15 ms

< 50 mA (transmitter + receiver)



#### Beam break input



#### Beam broken

