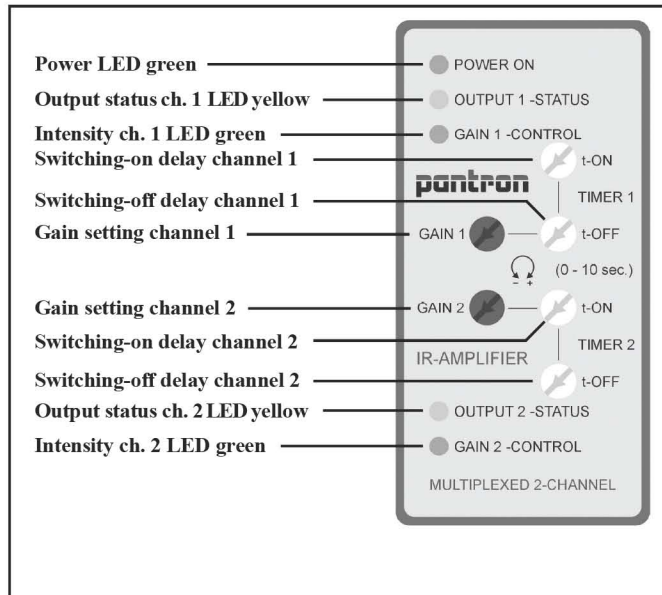
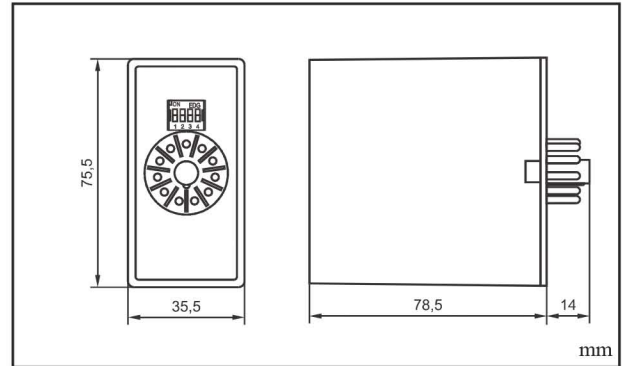


# Multiplexer

## 2-channel manual IMX-N33...



- Detection range up to 30 m (98ft)
- Sensitivity for each channel adjustable with potentiometer
- One transistor output NPN / PNP for each channel
- Adjustable switch-on and switch-off delay for each channel
- System power 20 % / 100 % switchable
- Switching mode light / dark selectable for each channel
- Multiplex speed 16 ms / 8 ms switchable



### Technical Data at +68°F

<b>Max. range (through beam)</b>	
Sensors IT-P10, IR-P10	20 m (65ft)
Sensors IT-P10HP, IR-P10	30 m (98ft)
<b>Supply voltage</b>	purchase order table below
<b>Operating basis</b>	modulated IR light
<b>Transmit frequency</b>	4.0 kHz
<b>Switching mode</b>	light / dark switchable
<b>System power</b>	20% / 100% switchable
<b>Multiplex speed</b>	16 ms / 8 ms
<b>Switching delay</b>	0 ... 15 s
<b>Master-Slave mode</b>	no
<b>Light curtain mode</b>	no
<b>Transistor output</b>	2 X npn / pnp, max. 30 VDC
Maximum load	30 mA
Switching frequency	31 Hz
<b>Alarm output</b>	-
Maximum load	-
<b>Housing material</b>	plastic
<b>Protection class</b>	IP 40
<b>Operating temperature</b>	-13°F ... +140°F

### DIP switch settings

1		2		3		4	
Switching mode				System power		Multiplex-speed	
channel 1	channel 2						
dark	ON	dark	ON	100%	ON	16 ms	ON
light	OFF	light	OFF	20%	OFF	8 ms	OFF

### Purchase order table

Supply voltage	Model
230 VAC / +/- 10% / 10 VA	IMX-N33/230 VAC
115 VAC / +/- 10% / 10 VA	IMX-N33/115 VAC
24 VAC / +/- 10% / 10 VA	IMX-N33/24 VAC
24 VDC / +/- 20% / 8 W	IMX-N33/24 VDC

### Connection diagram

