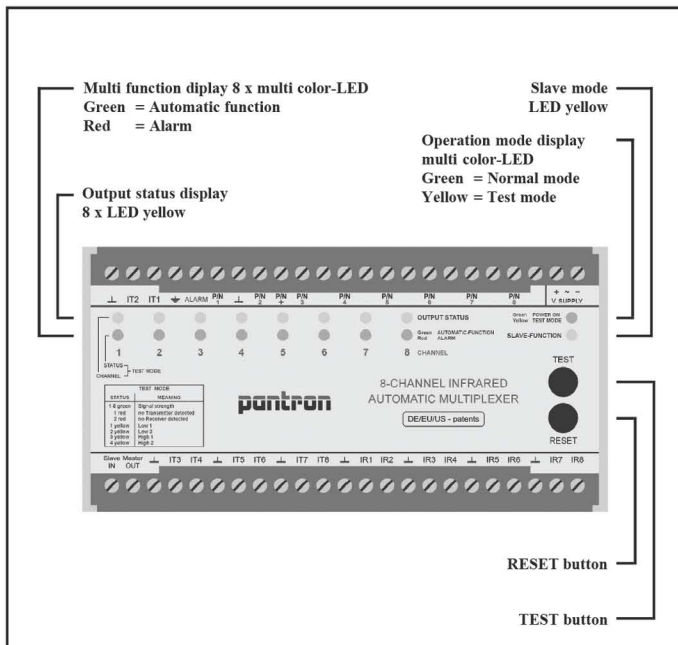
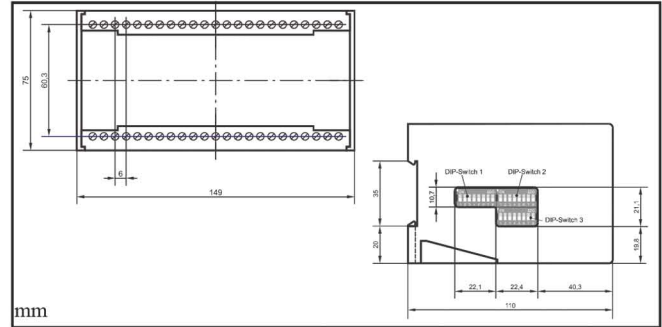


Multiplexer

8-channel automatic IMX-A832...

- Detection range up to 25 m (82ft)
- Transmit power for each channel with automatic adjustment
- Test function to check installation and signal quality
- One transistor output NPN / PNP for each channel
- Switching mode light / dark selectable for each channel
- 4 different selectable basic transmit levels
- Master-Slave mode



Technical Data at +68°F

Max. range (through beam)	
Sensors IT-P10, IR-P10	15 m (49ft)
Sensors IT-P10HP, IR-P10	25 m
Supply voltage	purchase order table below
Operating basis	modulated IR light
Transmit frequency	4.0 kHz
Transmit power	automatic adjustment
Switching mode	light / dark, switchable
Basic transmit level	low 1, low 2, high 1, high 2
Multiplex speed	34 ms
Master-Slave mode	yes
Transistor output	8 X npn / pnp, max. 30 VDC
Maximum load	100 mA
Switching frequency	15 Hz
Alarm output	pnp, 24 VDC
Maximum load	AC: 5 mA; DC: 100 mA
Housing material	plastic
Protection class	IP 20
Connection	clip 4 mm ²
Operating temperature	-13°F ... +140°F

Purchase order table	Model
Supply voltage	
230 VAC / +/- 10% / 10 VA	IMX-A832/230 VAC
115 VAC / +/- 10% / 10 VA	IMX-A832/115 VAC
24 VAC / +/- 10% / 10 VA	IMX-A832/24 VAC
24 VDC / +/- 20% / 8 W	IMX-A832/24 VDC

DIP switch settings

DIP set 1		DIP 2		DIP 3	
Switching mode		Basic transmit level			
		high 2	ON	ON	
		high 1	ON	OFF	
dark	ON	low 2	OFF	ON	
light	OFF	low 1	OFF	OFF	

Connection diagram

