

Motion and Presence Detectors

Laser, Microwave and Infrared Technology Kits

MOTION 003



- Motion detector (microwave doppler radar technology)
- Power Supply: 12-24V_{AC}/V_{DC}
- Bi-directional
- Output: 1 NO or 1 NC contact, non-monitored
- Nema 4
- Material: ABS and polycarbonate
- Max Detection Field: 13' x 6.5' @ 8.2'
- Installation Height: 7' to 11.5'
- Current Consumption: <2W
- Operation Temperature: -30°C to 60°C (-22°F to 140°F)
- Dimensions: 3.75" x 4" x 5"
- Includes: motion detector, remote control for long distance programming, 1.5V AAA battery (2x)
- Replacement parts order: MOTION010 (detector), MOTION012 (remote)

MOTION 003A



- Motion detector (microwave doppler radar technology)
- Power Supply: 12-24V_{AC}/V_{DC}
- Bi-directional
- Output: 1 NO or 1 NC contact, non-monitored
- Nema 4
- Material: ABS and polycarbonate
- Max Detection Field: 13' x 16' @ 16'
- Installation Height: 11.5' to 23'
- Current Consumption: <2W
- Operation Temperature: -30°C to 60°C (-22°F to 140°F)
- Dimensions: 3.75" x 4" x 5"
- Includes: motion detector, remote control for long distance programming, 1.5V AAA battery (2x)
- Replacement parts order: MOTION011 (detector), MOTION012 (remote)

MOTION 003E



- Motion / presence detector (laser technology)
- Power Supply: 10-35V_{DC}
- 4 curtains of detection
- Output: 1 NO and 1 NC contact, non-monitored
- Nema 4 / IP65
- Material: PS / ASA
- Max Detection Field: 30' x 30'
- Current Consumption: <5W
- Operation Temperature: -30°C to 60°C (-22°F to 140°F)
- Dimensions: 5" x 2.75" x 3.66"
- Includes: motion detector, remote control for long distance programming, 1.5V AAA battery (2x)
- Replacement parts order: MOTION013 (detector), MOTION012 (remote)

MOTION 003B



- Motion / presence detector (microwave and infrared technology)
- Power Supply: 42V_{AC}/V_{DC} max
- Output: 1 NO and 1 NC contact, non-monitored
- Nema 4
- Material: ABS and polycarbonate
- Max Detection Field: 13' x 16.5' (microwave) 10" x 10" (infrared)
- Installation Height: 8' to 16'
- Current Consumption: < 3.5W
- Operation Temperature: -30°C to 60°C (-22°F to 140°F)
- Dimensions: 3.75" x 4" x 5"
- Includes: motion detector, remote control for long distance programming, 1.5V AAA battery (2x)
- Replacement parts order: MOTION014 (detector), MOTION012 (remote)

MOTION 003C



- Motion / presence detector (microwave and infrared technology)
- Power Supply: 42V_{AC}/V_{DC} max
- Output: 1 NO and 1 NC contact, non-monitored
- Nema 4
- Material: ABS and polycarbonate
- Max Detection Field: 13' x 6.5' (microwave) 7.5" x 7.5" (infrared)
- Installation Height: 6.5' to 11.5'
- Current Consumption: < 3.5W
- Operation Temperature: -30°C to 60°C (-22°F to 140°F)
- Dimensions: 3.75" x 4" x 5"
- Includes: motion detector, remote control for long distance programming, 1.5V AAA battery (2x)
- Replacement parts order: MOTION014A (detector), MOTION012 (remote)

MOTION 003D



- Presence detector (infrared technology)
- Power Supply: 12-24V_{AC}; 12-30V_{DC}
- 2 curtains of detection
- Output: 1 NO and 1 NC contact, non-monitored
- IP54
- Max Detection Field: 24 spots per curtain @ 2" x 2" per spot
- Installation Height: 6.5' to 11.5'
- Current Consumption: < 2.5W
- Operation Temperature: -25°C to 55°C (-13°F to 131°F)
- Dimensions: 10.6" x 2.27" x 2.25"
- Includes: motion detector, remote control for long distance programming, 1.5V AAA battery (2x)
- Replacement parts order: MOTION015 (detector), MOTION012 (remote)



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Specifications and design modifications subject to change without prior notice. AC.2020.10.01.R0
For additional information, availability or additional accessories not listed, please consult inside sales.

Motion and Presence Detectors

Pneumatic Treadle Kits

TREADLE 002



- Pneumatic (forced air) treadle kit
- Non-monitored
- SPDT type (NO and NC)
- Installation: on the floor; in door's path
- Air Switch Housing Material: ABS
- Hose Material: EPT / EPDM
- Dim. Hose: 10', 0.38" inside Ø / 0.75" outside Ø
- Includes: SPDT air switch with plastic housing, 10' of signal hose, air hose plug
- Replacement parts order: AIRSWITCH018, HOSE001, PLUG005

TREADLE 002A



- Pneumatic (forced air) treadle kit
- Non-monitored
- SPDT type (NO and NC)
- Nema 4X encl.
- Air Switch Housing Material: polycarbonate with silicone tubing
- Hose Material: EPT / EPDM
- Dimensions: 2.25" x 2.55" x 4.25"
- Dim. Hose: 10', 0.38" inside Ø / 0.75" outside Ø
- Includes: air switch, 10' of signal hose, air hose plug and connection adapter
- Replacement parts order: AIRSWITCH015A, HOSE001, PLUG005, PLUG023

Motion and Presence Detectors

Components and Accessories

MOTION 012



- Universal remote control
- Wireless
- Dimensions: 2" x 5.25" x 1"
- Includes: 1.5V AAA battery (2x)
- Compatible with: MOTION003, MOTION003A, MOTION003B, MOTION003C, MOTION003D, MOTION003E

AIRSWITCH 018



- Air switch
- SPDT type (NO and NC)
- Housing Material: ABS
- Compatible with HOSE001, HOSE009
- Used in: PNEUMATIC007, PNEUMATIC008

AIRSWITCH 015A



- Air switch kit
- SPDT type (NO and NC)
- Housing Material: polycarbonate with silicone tubing
- Dimensions: 1" x 0.09" inside Ø (tubing)
- Nema 4X encl.
- Includes: air switch, connection adapter
- Compatible with: HOSE001, HOSE009 (order separately according to door width plus 2')
- Used in: PNEUMATIC017A, TREADLE002A
- Replacement parts order: AIRSWITCH015, ADAPTER051

HOSE 001



- Air hose
- Soft rubber
- EPT / EPDM
- 0.38" inside Ø / 0.75" outside Ø
- Compatible with: AIRSWITCH015A, PLUG005, PLUG023, PNEUMATIC004, PNEUMATIC005, PNEUMATIC006, PNEUMATIC007, PNEUMATIC008, PNEUMATIC009, PNEUMATIC017A, PNEUMATIC021
- When ordering with pneumatic sensing edge kits: order according to door width plus 2'

HOSE 009



- Air hose
- Soft rubber
- EPT / EPDM
- 0.5" inside Ø / 0.63" outside Ø
- Compatible with: AIRSWITCH015A, PLUG005, PLUG023, PNEUMATIC017A
- When ordering with pneumatic sensing edge kits: order according to door width plus 2'

PLUG 005



- Air hose plug
- Compatible with: HOSE001, HOSE009
- Used in: PNEUMATIC004, PNEUMATIC005, PNEUMATIC006, PNEUMATIC007, PNEUMATIC008, PNEUMATIC009, PNEUMATIC017A, PNEUMATIC021, TREADLE002, TREADLE002A

Motion and Presence Detectors

Components and Accessories

PLUG 023



- Air hose plug with hole
- Compatible with: HOSE001, HOSE009
- Used in: PNEUMATIC004, PNEUMATIC005, PNEUMATIC006, PNEUMATIC007, PNEUMATIC008, PNEUMATIC009, PNEUMATIC017A, PNEUMATIC021

ADAPTER 051



- Connection adapter 0.09" to 0.5" and 0.75" hose
- Compatible with: AIRSWITCH015, AIRSWITCH017, HOSE001, HOSE009
- Used in: AIRSWITCH015A, PNEUMATIC017A, PNEUMATIC021, TREADLE002A