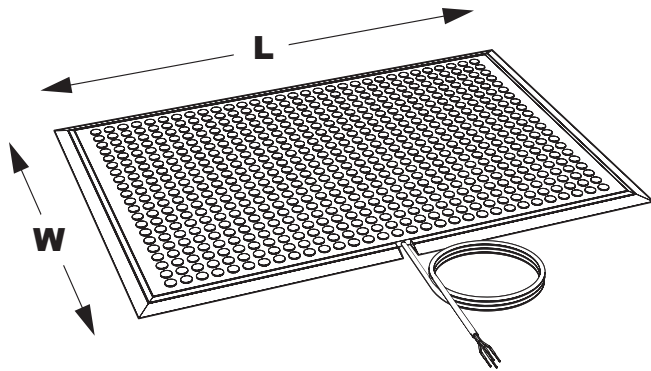


# ASO Safety Solutions SENTIR Tapered Edge Safety Contact Mats



Note: Wire leads 1 & 3, and 2 & 4 for continuity.

SENTIR safety contact mats are laminar sections which are used to safeguard dangerous areas in industrial and production automation settings. Stepping on the mat triggers an immediate “stop” signal in order to prevent endangering movements.

SENTIR Tapered mats have an integrated taper profile ideal for placement without requiring additional edging. A single 6m cable is included to allow direct connection in a 4-wire circuit.

## Features

- Built in ramp for flexible mounting and mat configurations
- 6m cable ideal for 4-wire circuits
- Anti-slip surface
- Tested to more than 6 million activations
- Standard sizes available
- Resistant against most contaminants and moisture up to IP65

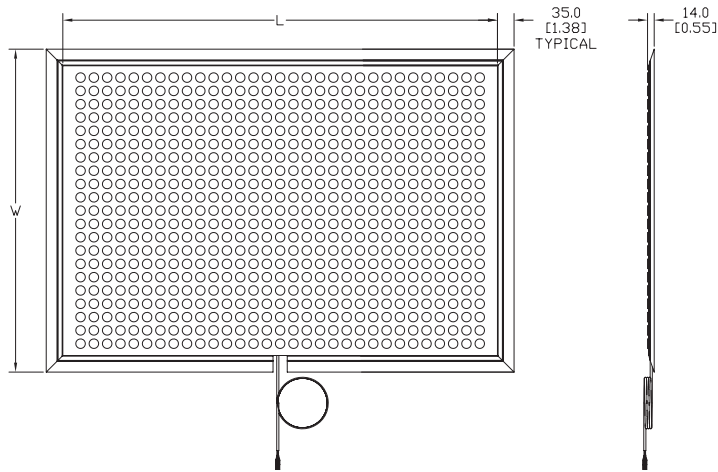


ASO Safety Solutions Contact Mats - Tapered Edge Style						
Part Number	Price	Width (W)	Length (L)	Operating Voltage	Cable Length	Connection
1602-4090	\$310.00	24in [609.6 mm]	36in [914.4 mm]	24VDC, 100mA	19.6 ft (6m)	Pigtail
1602-4091	\$380.00	24in [609.6 mm]	48in [1219.2 mm]			
1602-4092	\$510.00	24in [609.6 mm]	60in [1524.0 mm]			
1602-4093	\$465.00	36in [914.4 mm]	36in [914.4 mm]			
1602-4094	\$550.00	36in [914.4 mm]	48in [1219.2 mm]			
1602-4095	\$700.00	36in [914.4 mm]	60in [1524.0 mm]			

Tapered Edge Safety Contact Mats	
	General Specifications
Height	14mm [0.55 in] with covering
Material	Polyurethane
Weight	24.9 Kg/m <sup>2</sup> [1.5 lb/ft <sup>2</sup> ]
Switching Pressure	Test piece Ø 80mm [3.15 in] = approximately 150N
Inactive Edge	16mm [0.63 in]; (Not including the tapered edge)
Static Load	Max. 2,000N on Ø 80mm [3.15 in], tested according to DIN EN ISO 13856-1
Response Time	< 25ms, tested according to DIN EN ISO 13856-1
Electrical Capacity	24VDC, 100mA
Mechanical Life	>1,000,000 cycles
Protection Class	IP65
Temperature Range	-10° to +55° C [+14° to +131°F]
Agency Approvals	CE, cULus file E329422

# ASO Safety Solutions SENTIR Tapered Edge Safety Contact Mats

## Dimensions mm [in]



PART INFORMATION			
PART NO.	W	L	DEPTH
1602-4090	609.6 [24.00]	914.4 [36.00]	14.0 [0.55]
1602-4091		1219.2 [48.00]	
1602-4092		1524.0 [60.00]	
1602-4093	914.4 [36.00]	914.4 [36.00]	
1602-4094		1219.2 [48.00]	
1602-4095		1524.0 [60.00]	

## Contact Mats - Tapered Edge 1602-409X

# Safety Products



***Warning: Safety products sold by AutomationDirect are Safety components only. The purchaser/installer is solely responsible for the application of these components and ensuring all necessary steps have been taken to assure each application and use meets all performance and applicable safety requirements and/or local, national and/or international safety codes as required by the application. AutomationDirect cannot certify that our products, used solely or in conjunction with other AutomationDirect or other vendors' products, will assure safety for any application. Any person using or applying any products sold by AutomationDirect is responsible for learning the safety requirements for their individual application and applying them, and therefore assumes all risks, and accepts full and complete responsibility, for the selection and suitability of the product for their respective application. AutomationDirect does not provide design or consulting services, and cannot advise whether any specific application or use of our products would ensure compliance with the safety requirements for any application.***