



Senstec®

GM525/526

Seismic detector

for vending machines

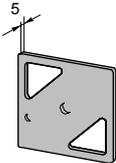
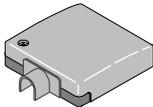
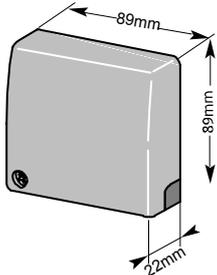
- **Around-the-clock monitoring of vending machines, ticket automates, public telephones and small hotel room safes**
- **SENSTEC® sensor and micro-controller-based signal processing system**
- **Remote control for in-service sensitivity reduction**

Versatile in application. The low-profile design makes it easy to install. Predefined settings allow to be quickly set for all defined applications.

Unique. Reliable recognition of attack is ensured on vending machines, ticket automates, public telephones and small hotel room safes, as well as attacks with explosives or attempted entry using thermal tools, such as flame cutters.

Highly professional. The patented SENSTEC® sensor and digital signal processing evaluates a selected narrow frequency band to ensure reliable detection. This comprehensive protection concept is immune to environmental influences including air and structure borne noise.

Accessories and dimensions

GMXP0	GMXC2	Dimensions
		

Technical data

	GM525	GM526
Detection characteristics		
– Operating radius/Coverage area on concrete and steel		1.5 m / 7 m ²
– For all types of tools (including termic tools)		
Power supply	7 ... 16 VDC (nominal 12 VDC)	
– Voltage monitoring	Alarm ≤ 6.5 VDC	
Power consumption (at 12 VDC)		
– Quiescent condition	3 mA	
– Max. on alarm	8 mA	5 mA
Alarm outputs		
– Relay	closes on alarm	opens on alarm
– Open collector	30 VDC / 100 mA / Ri < 20 Ω	
– Alarm hold time	alarm -> 0 V / Ri 1.5 k Ω	
	approx. 2.5 s	
Tamper output		
– Cover contact (opens on tamper)	max. 30 VDC / 100 mA	
Test point output	analogue integration signal	
Remote sensitivity reduction input		
– For reduction	LOW ≤ 1.5 VDC	
– Reduction to	1/5 of the actual setting	
Adjustments (with dip switch settings)		
– Sensitivity adjustable in	4 levels	
– Response time adjustable in	2 levels	
– Shock setting adjustable in	4 levels	
Environmental conditions		
– Operating temperature	- 20 ... + 60°C	
– Storage temperature	- 50 ... + 70°C	
– Air humidity (EN 60721)	< 95% rh, non-condensing	
– Housing protection (EN 60529, EN 50102)	IP43	
– Electromagnetic compatibility (EMC)	better than EN 50130-4	
– Tolerance of HF interference		
1 ... 1000 MHz (EN 61000-4-3)	> 15 V/m	

Ordering data

Type	Art. No.	Designation	Weight
GM525	502317	Seismic detector (relay closes on alarm)	0.320 kg
GM526	503536	Seismic detector (relay opens on alarm)	0.320 kg
GMXP0	277273	Mounting plate	0.270 kg
GMXC2	502184	Conduit connection sleeve, 16mm	0.010 kg

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