SIEMENS

GMXS5

Auxiliary test transmitter

for seismic detector

- **Unique control and evaluation of the complete installation**
- **Full functional testing of all the GM500 family of seismic detectors**
- **Micro-controller driven test oscillator generating accurate attack signals**
- **One test transmitter for testing multiple seismic detectors**

Versatile application. Due to its design the test transmitter can be installed easily like a seismic detector. With its unique signal generator, the GMXS5 can be used on all the usual application types.

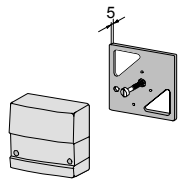
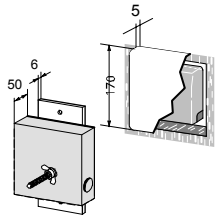
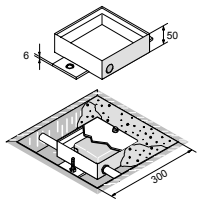
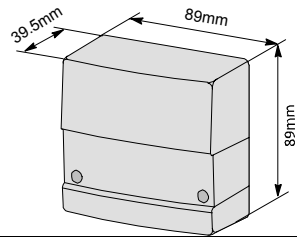
Reliable monitoring. During the test period, the GMXS5 generates mechanical oscillations. These oscillations are transferred as structure-born vibrations through the monitored object to the seismic detector. The seismic detector responds by going into alarm, if the installation functions correctly.

Impressive performance. Previously, the oscillator was only used in very complex measuring instruments. Paired with a micro-controller, the GMXS5 produces a frequency signature, which is an accurate reproduction of an attack by oxygen lance. In addition, it has an excellent immunity against any electromagnetic disturbances.

Fire & Security Products

Siemens Building Technologies

Accessories and dimensions

GMXP0	GMXW0	GMXB0	Dimensions
			

Technical data

Test radius	In % of the selected detection radius of the seismic detector
– GM570	100%
– GM525/526, GM530, GM560/565	75%
Supply voltage (12 V nom.)	8.0 ... 16.0 VDC
– Max. ripple (0 … 100 Hz)	2.0 VSS
Power consumption (bei 8,0 ... 16,0 VDC)	
– Quiescent	5 mA
– With „test active“	12 mA
Tamper monitoring	
Semiconductor relay (opens on tamper)	30 VDC / 100 mA / Ri < 45 Ω
– Cover contact	opening
– Back tamper contact	removal
– Temperature protection	< - 15° C / > + 85° C ± 2° C
Test input	LOW ≤ 1,5 V / HIGH ≥ 3,5 V
Environmental conditions	
– Operating temperature	- 40 ... + 70°C
– Storage temperature	- 50 ... + 70°C
– Humidity (EN 60721)	< 95% rh, non-condensing
– EMC resistance up to 2 GHz	> 10 V/m
– Housing protection EN 60529, EN 50102	IP43 / IK05

Ordering data

Type	Art. No.	Designation	Weight
GMXS5	562700	Auxiliary test transmitter	0.320 kg
GMXP0	277273	Mounting plate	0.270 kg
GMXW0	277121	Wall recess set w/cover	1.160 kg
GMXB0	277202	Floor box	2.085 kg
	503248	Adhesive tamper seal (1 pce)	

Siemens Building Technologies AG
Alte Landstr. 411
CH-8708 Männedorf
Tel. +41 1 - 922 6111
Fax +41 1 - 922 6450
www.sbt.siemens.com

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