



GMYA7

Test System for Seismic Detectors

consisting of GMYA7-S Key Module and GMYA7-A Indication Module

- Identification of seismic detector with a triggered alarm for exact alarm localization
- For all seismic detectors with an „open collector alarm output“
- Alarm indication suppression when alarm system is in night mode
- Modular setup with up to 7 alarm indication modules per system (maximum of 56 seismic detectors)
- Eight detectors can be connected to one alarm indication module
- Key- and alarm indication-module can be flexibly mounted
- Testing function of all seismic detectors or just those connected to one alarm indication
- Test system with modern design
- Individually writable indication display panel
- VdS approved (class C)

Application. The GMYA7 test system (consisting of the key module GMYA7-S and the alarm indication module GMYA7-A) enables a function test of one or several seismic detectors on a daily routine independent of an alarm panel. The GMYA7 test system allows an individual identification of up to 8 seismic detectors consisting of an „open-collector-alarm-output“. Together with the key module GMYA7-S up to 7 alarm indication modules GMYA7-A and therefore 56 seismic detectors can be connected. The identification of alarms and test function independent of an alarm panel is mainly required and used for VdS approved seismic detector systems.

Function. The test system GMYA7 (resp. the alarm indication module) consists of 8 alarm memories and 8 single LED indicators. For testing of the seismic detectors the system has to be activated with a key. Via the key module all seismic detectors can be tested. By turning the key to the position “Display ON” all stored alarms will be indicated. The first of all detectors who has triggered an alarm will be indicated with a blinking LED. All other detectors with an alarm will have a constantly illuminated LED. By continuing to turn the key to the position “System TEST” all seismic detectors connected to the system will be tested and the triggered alarms will be indicated on the alarm indication module. Optionally, in key position „Display ON“, by pushing the “Det TEST” button on one alarm indication module just those 8 seismic detectors connected to this alarm indication panel will be tested. Due to electronic interlocking the test system can only be activated and a test triggered when the alarm system is in day mode. When the alarm system is in night mode (activated) the indicators and test options are suppressed. Immediately after deactivating the alarm system all alarms will be indicated (in key position “Display ON”). The reset of all alarms will be executed automatically when the alarm system will be activated again. When the alarm system will be switched from day mode (inactive) to night mode (active) all alarm storages will be deleted.

Implementation. The key module (GMYA7-S) and the indication module (GMYA7-A) can be mounted stacked or side by side. One key module can be operated with up to 7 alarm indication modules. Each of the alarm indication displays can be labeled individually.

Technical Data

Supply voltage	8 ... 16 VDC (12 V nom.)
Current consumption (at 16 VDC max.)	
– GMYA7-S	18 mA
– GMYA7-A	25 mA
Environmental condition	
– Operating temperature	- 10 ... + 55°C
– Storage temperature	- 10 ... + 55°C
– Air humidity (EN 60721)	< 95% rF
– Housing protection class (EN 60528, EN 50102)	IP41

Order information

Type	Order-number	Description	Weight
GMYA7-AS	S54534-F101-A100	GMYA7-AS Test system for seismic detectors	0,440 kg
GMYA7-A	S54534-F102-A100	GMYA7-A Alarm indication module	0,180 kg
GM775	S54534-F109-A100	GM775 Seismic detector	0,330 kg

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Document no. **A6V10245139_a_en_--**
 Edition 03.2009

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