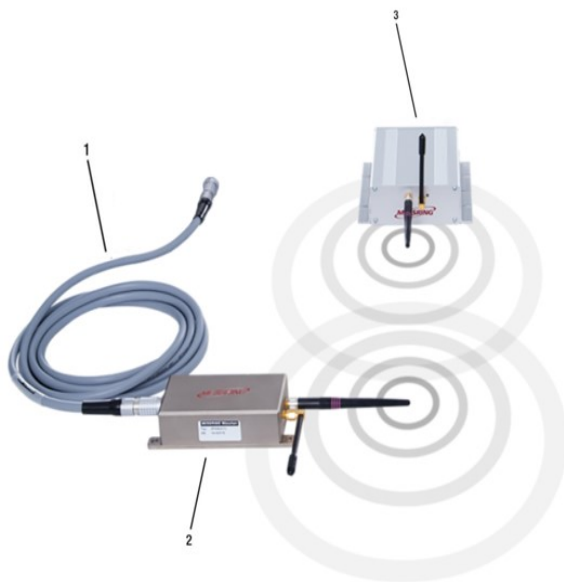


Brake system to operate mainly in moving barriers for test abort and avoidance of a second impact. Compact system with the possibility of wireless operation.

- Monitoring of operating status, brake pressure and battery level
- Complies with all NCAP standards
- Quick and easy installation
- Also used for emergency braking
- Shockproof
- Radio controlled as well as trailing cable operation is possible
- Battery operation – no trailing cable required



- 1 Connecting cable for Mobile Radio Unit (3 m)
2 Mobile Radio Unit
3 Stationary Radio Unit

Figure 1: Components for wireless operation of the Hydropneumatik Vehicle Brake System

TECHNICAL SPECIFICATIONS

Hydropneumatic Vehicle Brake	
Brake system type	Hydraulic disc brake on each wheel
Operating air pressure	6.5....7.5 bar (resulting in 100....120 bar hydraulic pressure) Brake hoses must be air-bled for optimum effectiveness
Dimensions (L x W x H) incl. mounting plate	386 mm x 423 mm x 236 mm
Mounting grid	250 mm x 190 (90) mm (M10)
Weight	13.0 kg

Hydropneumatic Vehicle Brake System

Power supply	24 VDC, 1.5 A
Typical power consumption (standby)	25 mA
Battery capacity	1,800 mAh, 12 VDC (NiMH)
Battery operating temperature	0...45°C
Hydraulic connection	6 mm
Brake fluid	DOT 4
Mobile Radio Unit	
Dimensions (L x W x H)	134 mm x 61 mm x 35 mm
Mounting grid	122 mm x 44 mm (M6)
Weight	0.3 kg
Shockproof	100 G
Radio control range (visual contact)	300 m
Operating frequency	ISM band channel 1 standard 802.11b, 2.413 GHz
Stationary Radio Unit	
Dimensions (L x W x H)	185 mm x 105 mm x 50 mm
Mounting grid	125 mm x 80 mm (M5)
Weight	0.7 kg
Power supply	24 VDC, 0.25 A
Number of mobile radio units supported	4
Operating frequency	ISM band channel 1 standard 802.11b, 2.413 GHz
Communication interface	I/O interface or Profibus

Scope of supply ■ Hydropneumatic Vehicle Brake System

Options ■ Integration into MESSRING facility control system
 ■ Mobile Radio Unit and Stationary Radio Unit