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Test protocol for AFGUARD® installation with .....

ok

**Requirements: System must be switched on, loop tester installed instead of AFGUARD®**

**Pre-test (no button pressed)**

Function test for 4 mA base signal of AFGUARD® sensor  
 ➡ No further interaction (do not press any function button)  
 Output 4 mA or 0 ppm

**Test 1: Fail safe test AFGUARD® -> signal output << 4 mA – blue lamp off**

Function test for NAMUR 1  
 Press F1:  
 Output: Immediate reply (LED F1 constantly on) – blue lamp should be off (no blinking)

**Test 2: Warning level -> signal output representing > 15 ppm – slow blinking blue lamp**

Function test for warning level  
 Press F2 for warning level (15 ppm < water level < 30 ppm)  
 Output: LED blinking -> after \_10\_ seconds LED constantly on - blue lamp blinking slowly

**Test 3: Alarm level -> signal output representing > 30 ppm – fast blinking blue lamp**

Function test for alarm level  
 Press F3 for alarm level (water level > 30 ppm)  
 Output: LED blinking -> after \_10\_ seconds LED constantly on

**Test 4: Water slug indication -> signal output >> 20 mA – fast blinking blue lamp**

Function test for water slug indication  
 Press F4 for water slug (water level >> 50 ppm)  
 Output: LED blinking -> after \_5\_ seconds LED constantly on

**Test 5: AFGUARD® broken wire -> no mA signal – blue lamp off**

Disconnect the AFGUARD® cable – blue lamp should be off (no blinking)

**Remarks:**

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Operation Manager

Inspector

<u>Name</u>	<u>Name</u>