



- Intrinsically safe EEx ib IIC T6
- Test device for NAMUR proximity switch
- Display of the switching state
- Built-in battery

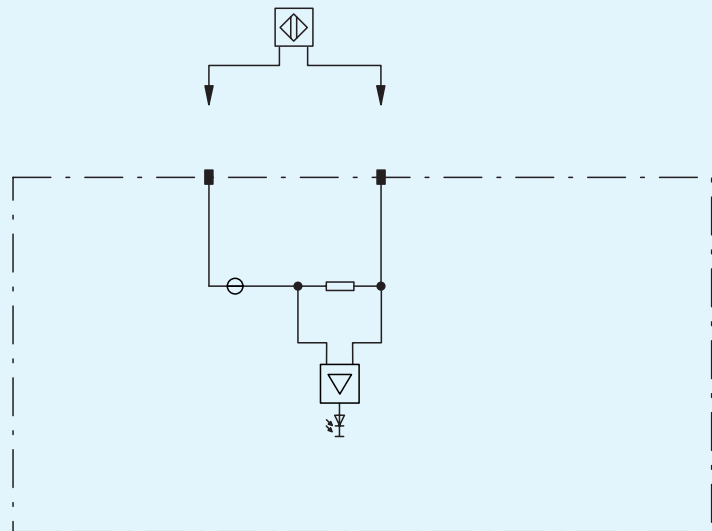
Function

The 2/Ex sensor tester is an intrinsically safe test device using protection method EEx ib IIC T6 65 °C PTB Nr. 81/2112.

The sensor tester has a built-in battery with a nominal voltage of 8 V. It also has a built-in amplifier which drives the LED display. When connecting a proximity sensor (electrical data per DIN EN 60947-5-6 or NAMUR), the switch status of the proximity sensor is indicated by the LED display.

Please note!

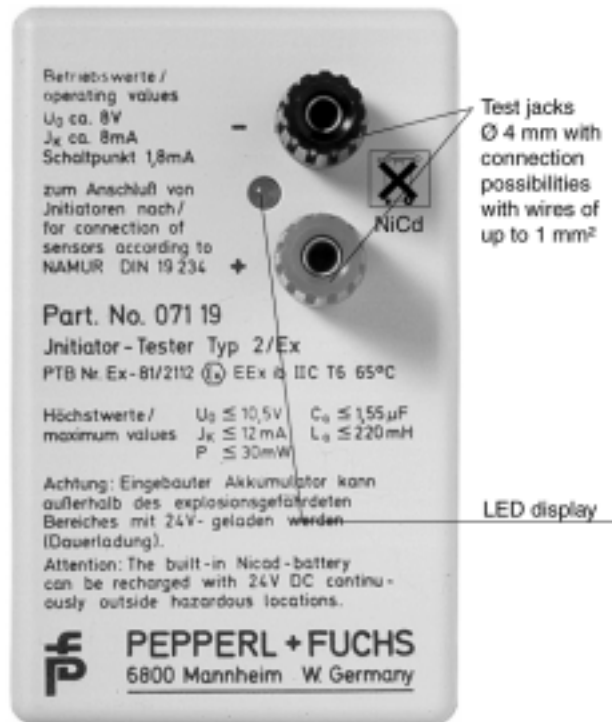
The device is delivered with uncharged batteries, it is therefore necessary to load the batteries for 20 hours before use.



Hazardous area

Composition

Front View



Supply		
Open loop voltage		approx. 8 V
Short-circuit current		approx. 8 mA
Directive conformity		
Electromagnetic compatibility		standards
Directive 89/336/EG		on request
Battery capacity		
Continuous test		> 10 hours
Charging voltage		24 V DC ± 15 % connection to terminals (+) (-), outside the hazardous area
Charging time		> 20 hours until trickle charge
Mechanical specifications		
Protection degree		IP20
Data for application in conjunction with hazardous areas		
EC-Type Examination Certificate		PTB Nr. 81/2112 ; for additional certificates refer to the approval list
Group, category, type of protection, Temperature classification		Ⓔ EEx ib IIC T6
Voltage	U ₀	10,5 V
Current	I ₀	12 mA
Power	P ₀	30 mW
Type of protection [EEx ib]		
Explosion group		IIC
External capacitance		1,55 µF
External inductance		220 mH
Directive conformity		
Directive 94/9 EU		on request

Note

This device contains a nickel-cadmium battery. In order to ensure an ecology-minded disposal, the battery has to be disposed in accordance with the customary laws or returned to the manufacturer.

Accessories

Recharger LG 39729
(Information upon request)