



**Type test of a flow limiter**  
**DIN EN 12952-11:2007.09 / DIN EN 12953-9:2007.09**

Manufacturer / Client: Fischer Mess- und Regeltechnik GmbH  
Bielefelder Straße 37a  
32107 Bad Salzuflen

Product: Flow limiter

Type designation: DS21

Test object: Differential pressure transducer with switching contact

Technical data:

Measurement range	0...6 bar (different versions see chapter 2)
Nominal pressure	25 bar
Switching current	AC 250 V / 5 A oder DC 30 V / 0,4 A
Hysteresis	2,5% of upper full scale
Accuracy	2,5% of upper full scale
Ambient temperature	-10 ... 70°C
Media temperature	-10 ... 70°C
Class of protection (EN 60529)	IP55 / IP65 (depending on version)
Process connection	G ¼ oder compression fitting

Cause of test: Proof of compliance with the requirements of above listed test standards

Test result: The test object meets the requirements of above listed test standards

Remarks: The differential pressure transducer is certified according to the Pressure Equipment Directive 97/23/EC. Essential test results were adopted from test reports of TÜV Nord (see related test reports).  
To exclude the fault condition „contact welding“ the installation manual must give instructions for installation of a fuse with a rated trip current of 0.6-times of the nominal switching current.

Köln, 12<sup>th</sup> of May, 2016  
432/rw

Expert



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