

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.

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432/rw

Expert



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