

CONTACT PRESSURE GAUGE



**for heavy measuring conditions
with 1 or 2 micro switches**

Contact pressure gauges of this series are suitable for the application with high demands on the switching capacity pressure shocks and vibrations. They are highly overload-proof and have a long service life.



Applications

Winning of drinking water, process technology
plant engineering, water economy,
pneumatic transporter

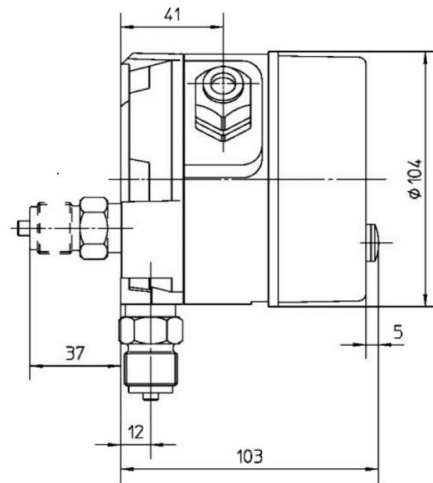
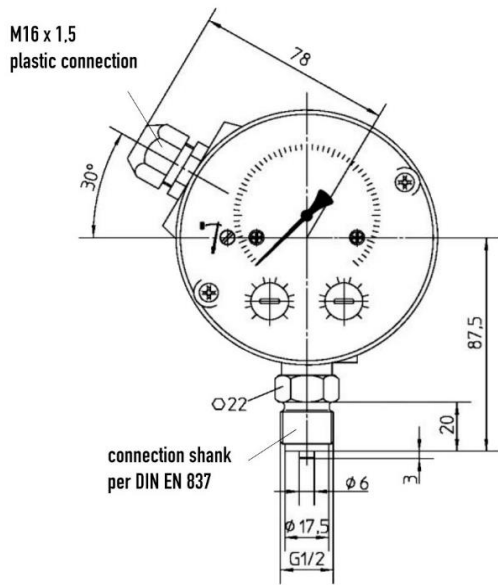
Type	6510		Options
Nominal diameter	100		
Accuracy	±1,6% FS		
Measuring range	0...400 mbar up to 0...25 bar; -0,6..0 bar up to -1...+9 bar		negative and/or positive overpressure
Nominal pressure	all measuring ranges overpressure safety up to 25 bar		
Max. pressure	one-sided overpressure safety up to nominal pressure		
Pressure connection	G 1/2 B		other on request
Measuring system	Measuring ranges ≤ 16 bar diaphragm measuring system; diaphragm of reinforced elastomere Measuring ranges 25 bar diaphragm measuring system; diaphragm of DURATHERM®		
wetted parts	Stainless steel 1.4310, 1.4305		
Pressure chamber	Aluminium, black laquered		Al with HART-COAT®, St. steel 1.4305
Temperatures	Area -10°C...+70°C Media -10°C...+70°C Storage -15°C...+75°C		
Protection class	IP55 according to DIN EN 60529		IP65 with cable connection
Output contacts	1 adjustable microswitch; 1-pole changing contacts		2 microswitches
Switching hysteresis	approx. 2,5% FS		
Setting of switching points	adjustable by reference value scale, smallest adjustable value: approx. 5% FS		
Load / contact	AC U_{max} 250 V, I_{max} 5 A, P_{max} 250 VA DC U_{max} 30 V, I_{max} 0,4 A, P_{max} 10 W		
Electrical connection	cable connection		prewired numbered cable, cable terminal box, 7-pole plug connection
Mounting	senkrecht; Direktmontage		Wall mounting, Panel mounting, Pipe mounting bottom or rear
Weight	Pressure chamber of Aluminium 1,2 kg Pressure chamber of stainless steel 3,5 kg		

Dimensional drawings Dimensions in mm

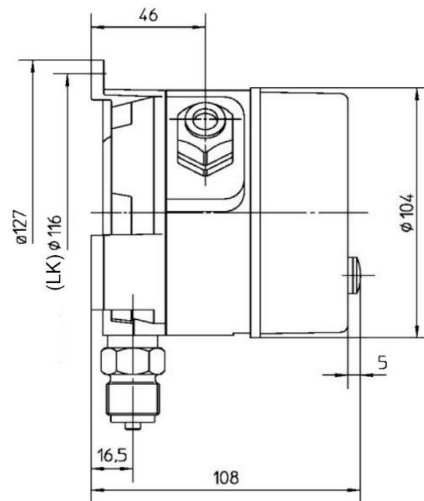
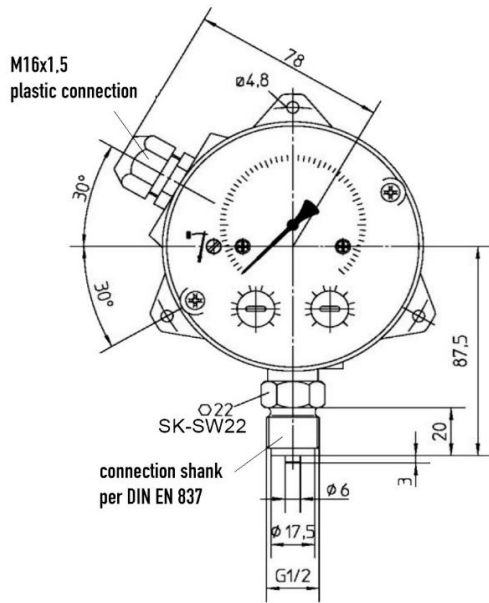
Standard

Connection bottom

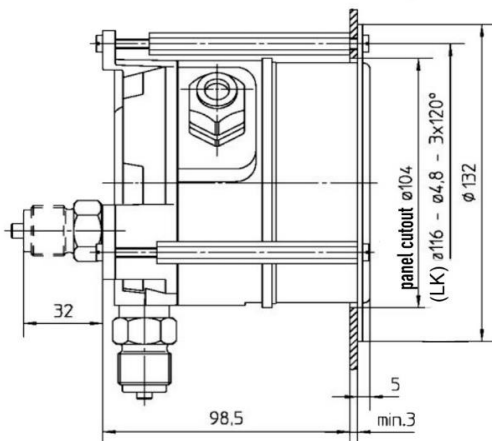
Connection back



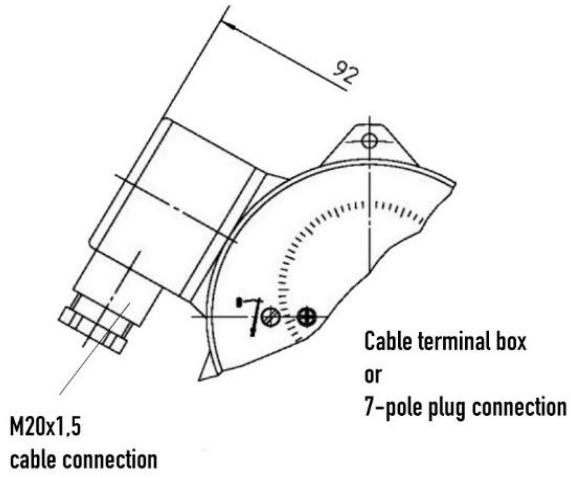
Wall mounting



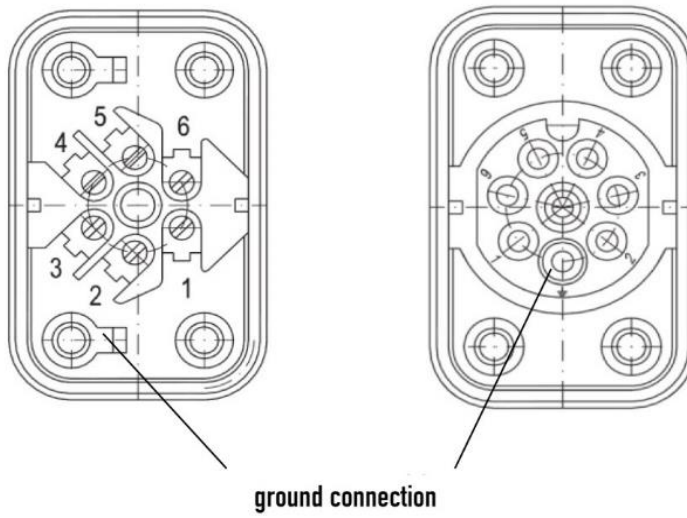
Panel mounting



Electrical connections



Cable terminal and plug connection



cable terminal box

7-pole plug connection

