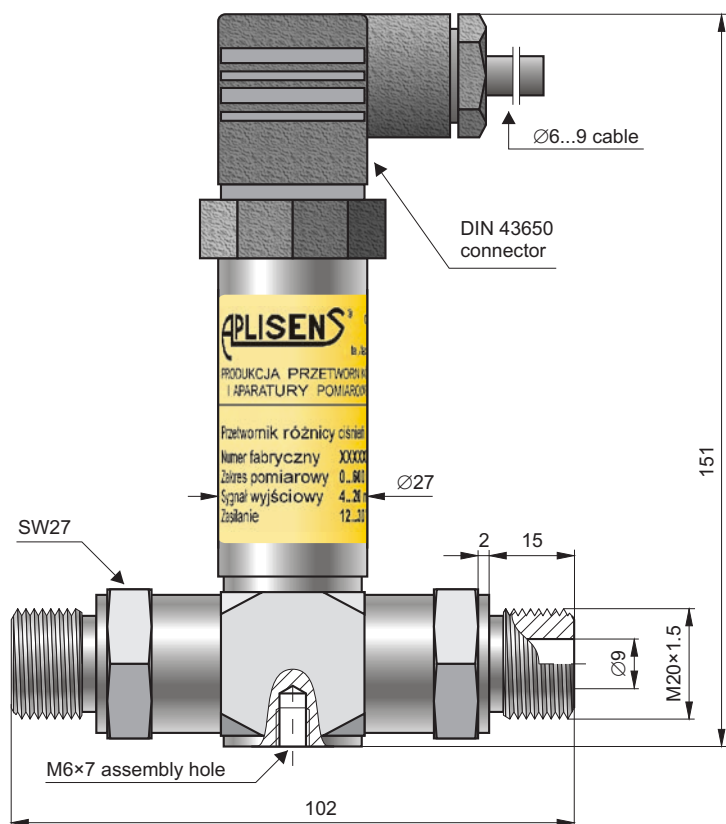
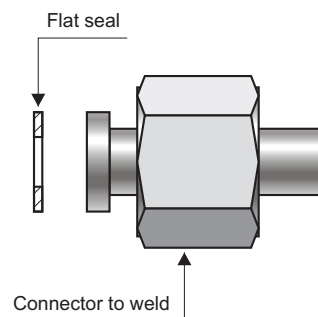


Differential pressure transmitter AS-dP



- ✓ **Accuracy 0.4%**
- ✓ **Measuring ranges:**
 $0 \div 1$, $0 \div 2.5$, $0 \div 4$ bar
 $0 \div 6$, $0 \div 10$ bar
 $0 \div 16$, $0 \div 25$ bar
- ✓ **Output signal**
 $4 \div 20$ mA or $0 \div 10$ V

Example connection of impulse line



Metrological parameters

Accuracy	0.5%
Hysteresis, repeatability	0.05%
Overpressure limit	4 × range
Thermal compensation range	$0 \div 70^\circ\text{C}$
Thermal error	0.2% / 10°C
Long – term stability	0.5% / year

Design

Degree of protection	IP-65
Material of process connection and diaphragms	00H17N14M2 (316 Lss)
Material of casing	0H18N9 (304ss)

Electrical parameters

Output signal	$4 \div 20$ mA, two wire transmission $0 \div 10$ V, three wire transmission
Power supply	$10.5 \div 36$ V DC – two wire transmission $15 \div 30$ V DC – three wire transmission 24 V AC

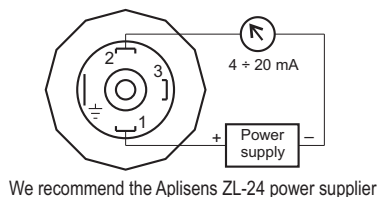
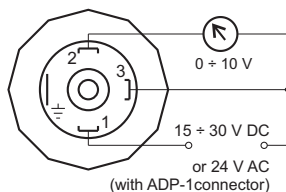
Load resistance $R[\Omega] \leq \frac{U_{\text{sup}}[\text{V}] - 10.5\text{V}}{0.02\text{A}}$
(for current output)

Load resistance $R \geq 5\text{ k}\Omega$
(for supply output)

Operating conditions

Operating temperature range (ambient temp.)	$-25 \div 80^\circ\text{C}$
Medium temperature range	$-25 \div 120^\circ\text{C}$ – direct measurement > 120°C – measurement using a impulse line

Electrical diagrams



Ordering procedure

AS-dP / /

Measuring range:
 $0 \div 1$, $0 \div 2.5$, $0 \div 4$,
 $0 \div 10$, $0 \div 16$
or $0 \div 25$ bar

Output signal:
 $4 \div 20$ mA
or $0 \div 10$ V