SC DIGITAL COMPANY SRL PASCANI
Al. 1 Decembrie 1918 , Nr. 17
Nr. RC : J22 / 1327 / 03 CUI : R15615713
TEL / FAX : +40 232 760951 MOBIL : 0744 592172
www.digital-company.ro info@digital-company.ro

Heavy duty pressure transmitters 215T

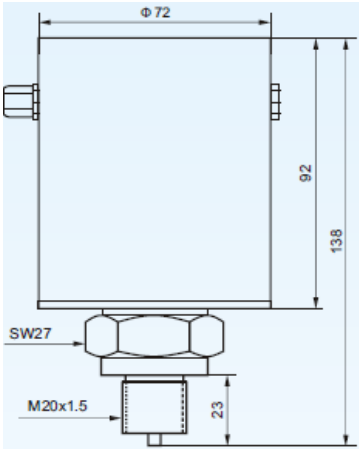
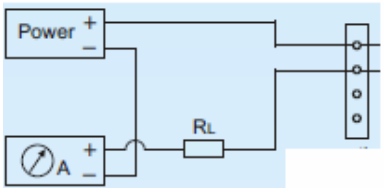
Features:

- Pressure ranges 0~10 mbar, ..., 0~600 bar → gauge (G), 40 mbar, ..., 20 bar → absolute (A);
- Output signal: 4~20 mA with HART protocol;
- Material of pressure membrane ceramic (Al2O3), material of wetted parts 316LSS (standard), option Hastelloy-C, housing material aluminum alloy, explosive-proof Exia II CT6, protection class IP 65;

Technical specifications:

Pressure medium	Gases, dilute liquids, viscous fluids, fluids with grains
Range	0÷1/2/7/10/20/35/70KPa / 0÷1/2/3.5/7/10/20/35/70/150/200bar
	Option request ≥ -1bar
Overload pressure	200% fso or < 2bar
Explosive - proof	Exia II CT6
Output	4÷20mA (2 wire) with HART protocol
Accuracy	0.2% fso, 0.5% fs (standard)
Long – term stability	0.15% fso / year
Power supply	12÷36Vdc
Isulation resistance	>500MΩ@100V
Load resistance	250÷1150Ω
Temperature coefficient of ZERO	0.1% fso / 10℃
Temperature coefficient of SPAN	0.1% fso / 10℃
Protection	IP 65
Process connection	M20x1.5 (standard), 1/2 NPT, G1/2 (type I, II) flange (type III); isolating diaphragm (type IV); fast screw-in (type V)
Electrical connection	Inner thread – M20x1.5 (standard), 1/2NPT
Display	4 ½ LCD digital display
Operating temperature	-40÷125℃

Order code: 215T-□□□-□□-□□□-□□□-□-□-□

Range	1	0 – 1 bar / kPa
	2	0 – 2 bar / kPa
	3.5	0 – 3.5 bar
	7	0 – 7 bar / kPa
	10	0 – 10 bar / kPa
	20	0 – 20 bar / kPa
	35	0 – 35 bar / kPa
	70	0 – 70 bar / kPa
	150	0 – 150 bar
	200	0 – 200 bar
	xxx	Opțional game pentru presiuni negative ≥ -1bar
Output	I	4 – 20 mA (2 fire)
	II	Opțiune protocol HART
Accruacy	025	0.25%
	050	0.5% (standard)
Process connection	I	M20x1.5 (standard), 1/2NPT, G1/2
	II	Racord flanșă
	III	Diafragmă izolatoare
	IV	Cuplă cu filet intern
Electrical connection	0	Filet interior M20x1.5 (standard)
	1	1/2NPT
Display	0	Fără display
	1	Cu display
Materials connection	I	Inox
	H	Hastelloy-C

Dimension (mm):