

## Pressure sensor

### Type **ST**

For illustration only

Pressure sensor ST is intended for measuring of overpressure or absolute pressure in closed systems. Range of scanned pressures is object of specification of the customer. Pressure sensor is equipped with current output for two-wire connection or with serial communication interface RS485. Electric connection is done by a sealed connector (ISO 4400/6952 - DIN 43650). Mechanical mounting is done by the thread M20x1.5F or G1/2"F. Pressure sensor can contain the connection connector (GDM4F) with cable bushing in size PG9, which allows connection with a cable with diameter 6+9 mm.



Nominal supply voltage: 24 VDC

Range of supply voltage: 12 - 36 VDC

#### Modifications:

Description	Measuring range [bar]	Outgoing signal	Thread (male)	Connector GDM4F	Weight [kg]
ST.I.6KG	0 - 6	4 - 20 mA	G1/2"	yes	0,15
ST.I.6G	0 - 6	4 - 20 mA	G1/2"	no	0,12
ST.I.6K	0 - 6	4 - 20 mA	M20	yes	0,15
ST.I.6	0 - 6	4 - 20 mA	M20	no	0,12
ST.I.AKG	0 - 10	4 - 20 mA	G1/2"	yes	0,15
ST.I.AG	0 - 10	4 - 20 mA	G1/2"	no	0,12
ST.I.AK	0 - 10	4 - 20 mA	M20	yes	0,15
ST.I.A	0 - 10	4 - 20 mA	M20	no	0,12
ST.D.AKG	0 - 10	RS485	G1/2"	yes	0,15
ST.D.AK	0 - 10	RS485	M20	yes	0,15

#### Specifications:

Number	Version	Title
257VZ1	110610	Technical specification for train protection MIREL VZ1- serial usage
445RS812	080307	Control system MIREL RS812 – Technical specification
890RS813	161222	Control system MIREL RS813 – Technical specification
420M	170307	ST dimensional drawing

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**Modifications not recommended for new applications:**

Description	Measuring range [bar]	Thread (male)	Connector GDM4F	Anti-shock	Weight [kg]	Substitution
ST.I.ATK	0 - 10	M20	yes	yes	0,21	-
ST.I.AT	0 - 10	M20	no	yes	0,18	-

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**Sets not recommended for new applications:**

Description	Measuring range [bar]	Thread (male)	Connector GDM4F	Anti-shock	Reduction REDST	Weight [kg]	Substitution
STSET.I.6KR	0 - 6	M20	yes	no	yes	0,28	ST.I.6KG
STSET.I.6R	0 - 6	M20	no	no	yes	0,25	ST.I.6G
STSET.I.IAR	0 - 10	M20	no	no	yes	0,25	ST.I.AG

REDST = reduction for mounting from the thread M20x1.5F to the thread G1/2"M

