

DRUVA®TEC MANIFOLDS – MTLs

MANIFOLD | TEC LINE (BRASS) | 20 m³ SERIES | 2 INLETS | SEMI-AUTOMATIC CHANGEOVER



Semi-automatic manifold for two gas sources for use in industrial gas supply systems for inert, flammable and oxidising gases. It is not usable for corrosive, toxic gases.



Semiautomatic manifold for two gas sources with purge system



Semiautomatic manifold for two gas sources without purge system

SPECIAL FEATURES

- > Semi-automatic changeover between for two gas cylinders / cylinder bundle
- > Metal diaphragm for valves and regulators
- > Compact design

TECHNICAL DATA – MANIFOLD

Working temperature:	-20 °C to +60 °C	
Inlet & outlet connections:	see technical drawing	
Weight:	7.0 kg	
Leakage rate seat:	less than 50 cm³/h (23°C; 1,013 bar absolute)	compressed air
Leakage rate outside:	less than 10 cm³/h (23°C; 1,013 bar absolute)	compressed air

Pressure rates manifold

Max. inlet pressure:	300 bar
Delivery pressure:	10 bar 20 bar 40 bar 100 bar

For detailed information on tests and approvals during development and production of our TEC/PUR series see **DATA-SpecGeneral-EN**.

For flow curves see **DATA-FlowCurves-EN**.

TECHNICAL DATA – REGULATOR

LTLJ
see separate data sheet

TECHNICAL DATA – SHUT-OFF VALVES

VTLA
VTLI
see separate data sheets

TECHNICAL DATA – PLATES

Ground plate:	Stainless Steel (polished) Option to secure arrestor cable of hoses with hook on ground plate. Grounding bolt Cut outs on top and bottom allows installation
Dimensions ground plate: (Height x Width x Length)	194 x 30 x 250 mm
Front plate:	Stainless Steel (polished) Cut outs for easy replacement of gauges Free space for additional installer label (e.g. remark for next maintenance)

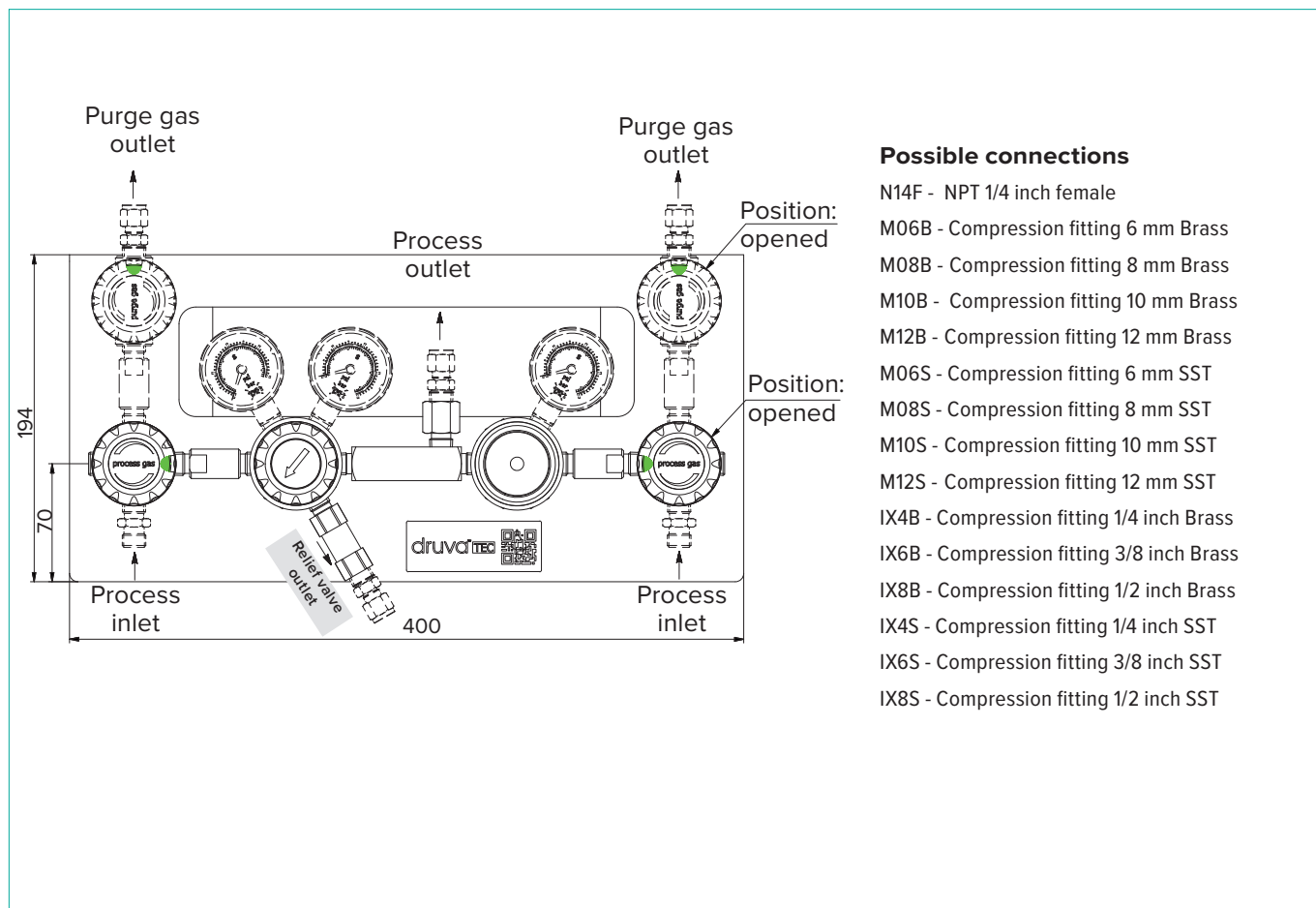
ORDER CODE – MTLs

Example manifold with semi-automatic changeover | TEC Line | Brass | Low Flow (20m³) Series

MTLS	S	GX	E1	I1	BT	N14F	M06B	1	M06B	N14F
	Gas type	Inlet pressure (bar)	Outlet pressure (bar)	Inlet pressure gauge	Outlet pressure gauge	Process inlet connection	Process outlet connection	Purging	Purge outlet connection	Relief valve connection
	S Standard-gases	F4 60	D2 10	BT Burdon tube gauge	BT Burdon tube gauge	M14M M14x1.5 male	possible process inlet connections see table above	0 without purging	0000 without purging	possible relief valve connections see table above
		FX 200	EZ 20	I1 Inductive contact gauge I1	I2 Inductive contact gauge I2	N14F NPT 1/4" female		1 with purging		
		GX 300	E1 40	R5 Reed contact gauge R5	R2 Reed contact gauge R2	W2ML W21.8x1/4 male left			possible purge connections	
			F2 100		I1 Inductive contact gauge I1	W2MR W21.8x1/4 male right			see table above	
					R5 Reed contact gauge R5					

Order code (as described above) without special characters or spaces! Complete Order Code **MTLSSGX11BTN14FM06B1M06BN14F**

TECHNICAL DRAWING – MTLs



FLOW SCHEMATIC – MTLs

