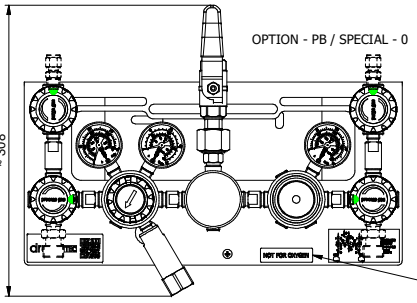
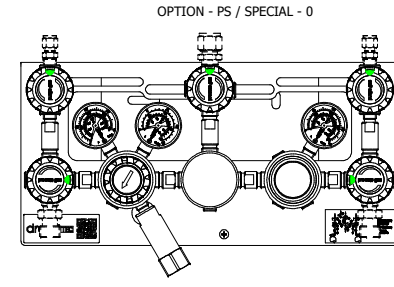
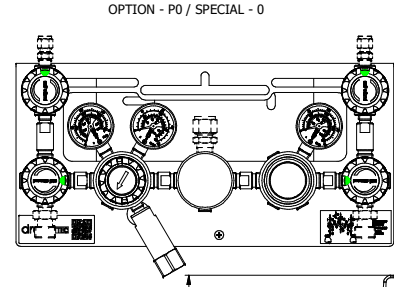


STANDARD VERSIONS OVERVIEW  
OVERVIEW OF ADDITIONAL VERSIONS - SHEET NO. 2



ONLY FOR OUTLET PRESSURE E1

**ORDERING INFORMATION**

**MTMHOS S PX X XX XX XX XX XXXX XXXX XXXX**

**STAGES:**  
S - SINGLE STAGE

**OPTIONS:**  
PD - HP GAS PURGE + LP WITHOUT  
PS - HP GAS PURGE + LP SHUT-OFF VALVE  
PB - HP GAS PURGE + LP BALL VALVE

**SPECIALS:**  
0 - WITHOUT  
C - CHECK VLV  
F - SAFETY DEV. FLAM.  
G - CHECK VLV + SAFETY DEV. FLAM.  
H - CHECK VLV + SAFETY VLV + SAFETY DEV. FLAM.  
N - SAFETY DEV. OXY/AIR  
P - CHECK VLV + SAFETY DEV. OXY/AIR  
Q - CHECK VLV + SAFETY VALVE + SAFETY DEV. OXY/AIR  
S - SAFETY VLV  
U - CHECK VLV + SAFETY VLV  
Y - SAFETY DEV. FLAM. + SAFETY VLV  
Z - SAFETY DEV. OXY/AIR + SAFETY VLV

**INLET PRESSURE:**  
F4 - 60 BAR  
F2 - 200 BAR  
GX - 300 BAR

**OUTLET PRESSURE:**  
D2 - 10 BAR  
E2 - 20 BAR  
E1 - 40 BAR - NOT FOR O2 WITH OPTION PB  
F2 - 100 BAR - NO OPTION PB

**PURGE CONNECTION:**  
N14F - NPT1/4" FEMALE  
MORE VERSIONS ON LIST OF CONN.

**PROCESS OUTLET CONNECTION:**  
N38F - NPT3/8" FEMALE  
MORE VERSIONS ON LIST OF CONNECTIONS

**PROCESS INLET CONNECTION:**  
N14F - NPT1/4" FEMALE  
N38F - NPT3/8" FEMALE  
E2MR - G3/8" MALE EN560 RIGHT  
W2ML - W21.8X1/14" MALE LEFT  
W2MR - W21.8X1/14" MALE RIGHT  
W3ML - W30X2 MALE LEFT  
W3MR - W30X2 MALE RIGHT

**OUTLET GAUGE TYPE:**  
BT - BOURDON TUBE  
I2 - INDUCTIVE CONTACT I2  
R2 - REED CONTACT R2  
I1 - INDUCTIVE CONTACT I1  
R5 - REED CONTACT R5

**INLET GAUGE TYPE:**  
BT - BOURDON TUBE  
I1 - INDUCTIVE CONTACT I1  
R5 - REED CONTACT R5

**LIST OF PROCESS OUTLET CONNECTIONS**

- N38F - NPT3/8" FEMALE
- G12F - G1/2" FEMALE
- E3MR - G1/2" MALE EN560 RIGHT
- E3ML - G1/2" MALE EN560 LEFT
- E5MR - G3/4" MALE EN560 RIGHT
- M12B - COMPRESSION FITTING 12MM BRASS
- M15B - COMPRESSION FITTING 15MM BRASS
- M18B - COMPRESSION FITTING 18MM BRASS
- M12S - COMPRESSION FITTING 12MM SS
- M15S - COMPRESSION FITTING 15MM SS
- M18S - COMPRESSION FITTING 18MM SS
- M25S - COMPRESSION FITTING 25MM SS
- I28B - COMPRESSION FITTING 1/2" BRASS
- I10B - COMPRESSION FITTING 5/8" BRASS
- I12B - COMPRESSION FITTING 3/4" BRASS
- I14B - COMPRESSION FITTING 7/8" BRASS
- I28S - COMPRESSION FITTING 1/2" SS
- I12S - COMPRESSION FITTING 3/4" SS
- I16S - COMPRESSION FITTING 1" SS
- DM21 - TUBE 21,3 MM

**LIST OF PURGE CONNECTIONS**

- N14F - NPT1/4" FEMALE
- M06B - COMPRESSION FITTING 6MM BRASS
- M08B - COMPRESSION FITTING 8MM BRASS
- M10B - COMPRESSION FITTING 10MM BRASS
- M12B - COMPRESSION FITTING 12MM BRASS
- M06S - COMPRESSION FITTING 6MM SS
- M08S - COMPRESSION FITTING 8MM SS
- M10S - COMPRESSION FITTING 10MM SS
- M12S - COMPRESSION FITTING 12MM SS
- IX4B - COMPRESSION FITTING 1/4" BRASS
- IX6B - COMPRESSION FITTING 3/8" BRASS
- IX8B - COMPRESSION FITTING 1/2" BRASS
- IX4S - COMPRESSION FITTING 1/4" SS
- IX6S - COMPRESSION FITTING 3/8" SS
- IX8S - COMPRESSION FITTING 1/2" SS

AVAILABILITY OF BRASS FITTINGS DEPENDING ON PRESSURE AND SIZE.  
PAY ATTENTION TO THE MAXIMUM APPROVED PRESSURE OF YOUR PIPEWORK

**TECHNICAL SPECIFICATION**

MATERIAL OF GAS WETTED PARTS:  
REGULATOR BODY: BRASS (CW614N)  
REGULATOR DIAPHRAGM: HASTELLOY (C276)  
REGULATOR SEAL: PVDF  
REGULATOR SEAT: PCTFE  
REGULATOR BALANCE SEAL: FKM  
REGULATOR POPPET: BRASS (CW614N)

RELIEF VALVE SEAT: FKM  
SAFETY VALVE SEAT: FKM  
RELIEF VALVE OUTLET CONN. NPT1/2"  
SAFETY VALVE OUTLET CONN. NPT1/2"

INLET PRESSURE: MAX. 300 BAR  
FLOW NOMINAL: 100 Nm<sup>3</sup>/h (N2)  
ACC. TO ISO 7291 AT 20 BAR OUT

GAS TYPE  
DEFINED BY PRODUCT LINE AND TYPE  
(CHECK APPROVED GAS TYPE IN DATASHEET)

TEC LINE:  
NON-CORROSIVE GASES  
NON-TOXIC GASES

1 - GAS CYLINDER  
2 - COIL  
3 - CHECK VALVE (OPT.)  
4 - SHUT-OFF VALVE (GXIN; 1XOUT)  
5 - SET PRESSURE REGULATOR  
6 - FIX PRESSURE REGULATOR  
7 - RELIEF VALVE  
8 - SHUT-OFF VALVE (GXIN; 1XOUT); (OPT.)  
OR BALL VALVE (OPT.)  
9 - SAFETY VALVE (OPT.)  
10 - PURGE OUTLET VALVE  
11 - FLASHBACK ARRESTOR (OPT.)

02	25.4.2022	NEW SAFETY VALVE DESIGN / NOVÝ SV		ECO-06971	Chadim
Index	Date	Příloha / Description		C. změny / Net of change	Autor
Podpis Stav Materiál	Číslo verze Dátum Materiál	Ročník polobrožura Druh. of raw material Materiál	Průřez Příloha / Description	Průřez Průřez Průřez	Průřez Průřez Průřez
9.2.2021	Chadim	KR	1:2	10.54 kg	1/3



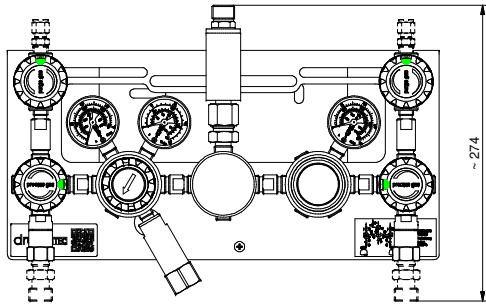
**MANIFOLD TEC-LINE MID FLOW H0**  
**MAN TEC 100Q H0 2SEMI SGL PROPURGE**

**coe** **MTMH0SSP**

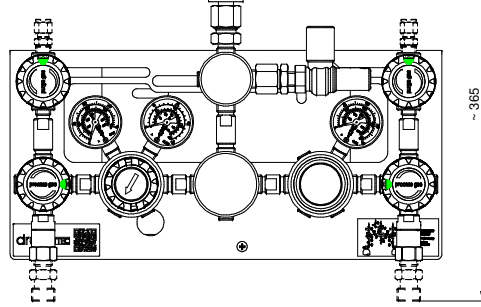
EXAMPLE: MTMH0SSPS0GXEBTBTN38FM12SM06S

# Overview of all versions

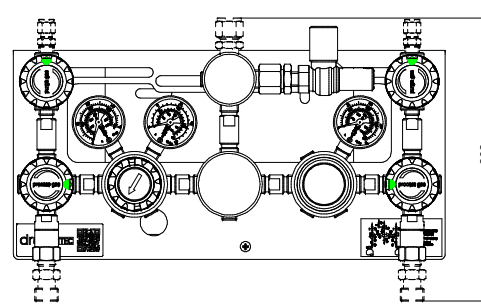
OPTION - P0 / SPECIAL - G or P



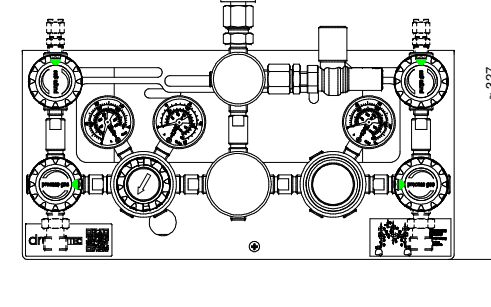
OPTION - P0 / SPECIAL - H or Q



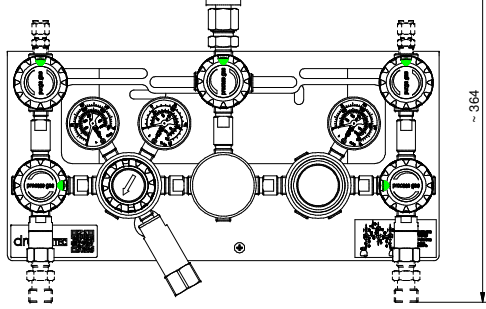
OPTION - P0 / SPECIAL - U



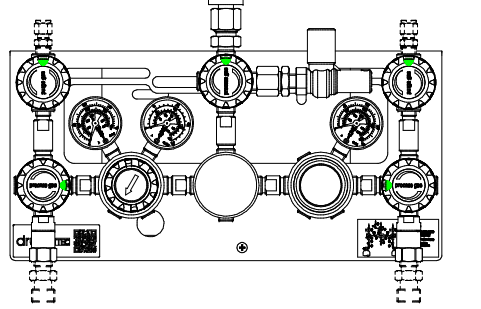
OPTION - P0 / SPECIAL - Y or Z



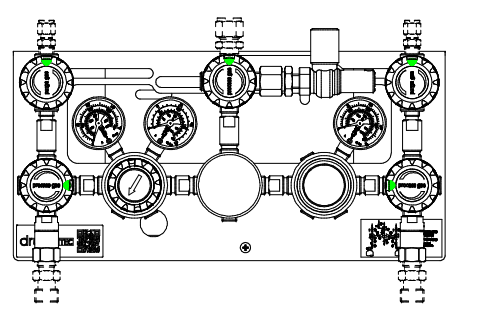
OPTION - PS / SPECIAL - G or P



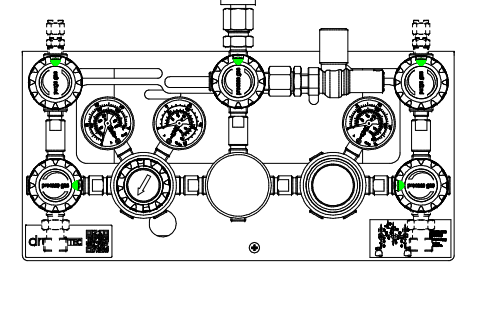
OPTION - PS / SPECIAL - H or Q



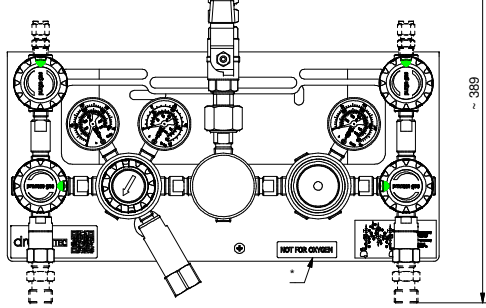
OPTION - PS / SPECIAL - U



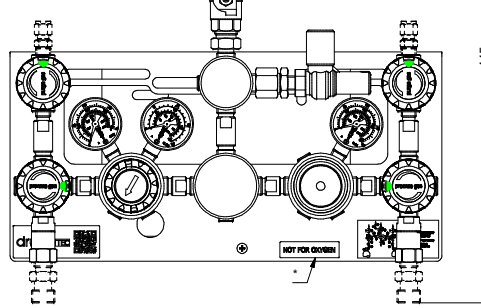
OPTION - PS / SPECIAL - Y or Z



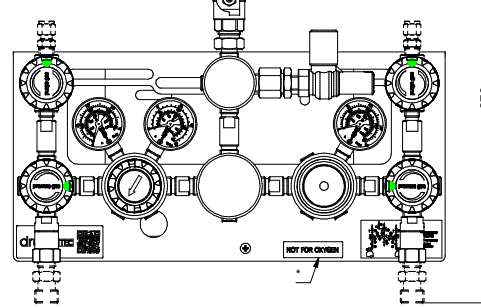
OPTION - PB / SPECIAL - G or P



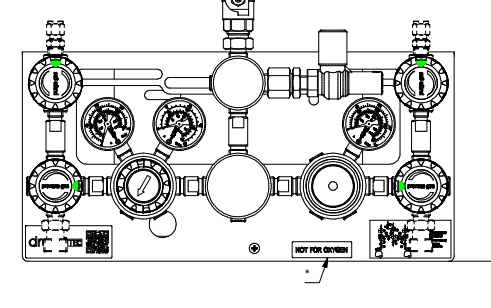
OPTION - PB / SPECIAL - H or Q



OPTION - PB / SPECIAL - U



OPTION - PB / SPECIAL - Y or Z



\* ONLY FOR OUTLET PRESSURE E1

02	25.4.2022	NEW SAFETY VALVE DESIGN / NOVÝ SV		ECO-06971	Chadim
Index	Datum	Název / Description		C. změna / No. of change	Autor
Pokřovok	Řešení požadavků	Revizní číslo	Revizní číslo	Revizní číslo	Revizní číslo
Starý materiál	Starý materiál	Starý výřez	Starý výřez	Starý výřez	Starý výřez
Materiál	Materiál	Materiál	Materiál	Materiál	Materiál
Komentář	Komentář	Komentář	Komentář	Komentář	Komentář
Upraveno	Upraveno	Upraveno	Upraveno	Upraveno	Upraveno
9.2.2021	9.2.2021	9.2.2021	9.2.2021	9.2.2021	9.2.2021
Chadim	Chadim	Chadim	Chadim	Chadim	Chadim
L. Ondráček	L. Ondráček	L. Ondráček	L. Ondráček	L. Ondráček	L. Ondráček
Dr. Th. Kuester	Dr. Th. Kuester	Dr. Th. Kuester	Dr. Th. Kuester	Dr. Th. Kuester	Dr. Th. Kuester
B: Standard	B: Standard	B: Standard	B: Standard	B: Standard	B: Standard
Mřížka / Scale		Mřížka / Scale		Mřížka / Scale	
1:3,5		1:3,5		1:3,5	
Kritický rozměr značen		Kritický rozměr značen		Kritický rozměr značen	
ISO 2768 mK		ISO 2768 mK		ISO 2768 mK	
-0,1		+0,3		-0,1	
-0,3		+0,1		-0,3	
+0,1		+0,1		+0,1	
<p><b>MANIFOLD TEC-LINE MID FLOW H0</b>  <b>MAN TEC 100Q H0 ZSEMI SGL PROPURGE</b></p>					
		<p><b>MTMH0SSP</b></p>			