

MISATU

MISATU SINGLE STAGE PRESSURE REGULATOR



GAS SERVICE

- ◆ ACETYLENE
- ◆ C.N.G.
- ◆ HYDROGEN
- ◆ CARBON DIOXIDE
- ◆ AIR
- ◆ ARGON
- ◆ HELIUM
- ◆ NITROGEN
- ◆ OXYGEN
- ◆ OTHER NON CORROSIVE



PIONEER YESTERDAY - LEADER TODAY

TECHNICAL DATA SHEET

GAS SERVICE	CYLINDER		DELIVERY		CONNECTIONS*	
	PRESSURE BAR	GAUGE RANGE BAR	PRESSURE BAR	GAUGE RANGE BAR	INLET	OUTLET
DISSOLVED ACETYLENE	18	0 - 40	1.5	0 - 2.5	G 5/8 LH MALE	G 3/8 LH MALE
HYDROGEN C. N. G.	150 200	0 - 250 0 - 300	3.5 10	0 - 7 0 - 16	G 5/8 LH MALE	G 3/8 LH MALE
CARBON DIOXIDE	80	0 - 160	3.5 10	0 - 7 0 - 16	W 21.8 X 14 RH FEMALE	G 3/8 RH MALE
AIR	150	0 - 250	3.5 10	0 - 7 0 - 16	G 7/8 RH FEMALE	G 3/8 RH MALE
ARGON HELIUM NITROGEN	150	0 - 250	3.5 10	0 - 7 0 - 16	G 3/4 RH FEMALE	G 3/8 RH MALE
OXYGEN	150	0 - 250	3.5 10	0 - 7 0 - 16	G 5/8 RH MALE	G 3/8 RH MALE

INLET - IS 3224 : 1979 AMENDMENT NO. 7 DECEMBER 1994 OUTLET - IS 6016 : 1982

1 bar = 14.504 psi = 1.0197 kgf/cm²
 1 psi = 0.06894 bar = 0.07031 kgf/cm²
 1 kgf / cm² = 14.223 psi = 0.98068 bar

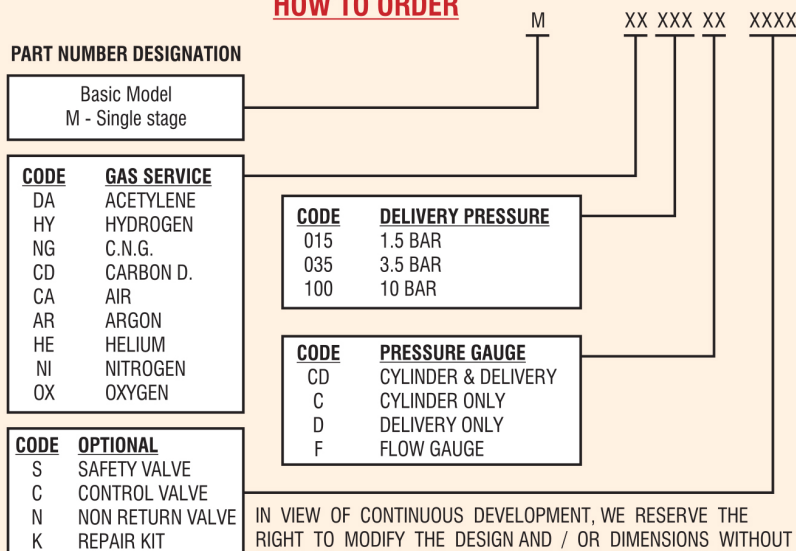
MATERIAL OF CONSTRUCTION

BODY	: BRASS FORGED
BONNET	: BRASS FORGED
BONNET INSERT	: FOR OUTLET PRESSURE 10 BAR AND ABOVE FEATURES SELF LUBRICATING MATERIAL BUSHING
DIAPHRAGM	: RUBBER REINFORCED
GAUGES	: 2" DIA DUAL RANGE
SAFETY VALVE	: SET AS PER DELIVERY PRESSURE RESET TYPE
INLET / OUTLET	: AS PER IS OR AS PER PARTY'S REQUIREMENT
PRESSURE KNOB	: UNBREAKABLE PLASTIC
P. A. SCREW	: STAINLESS STEEL

SPECIFICATION

FLUID MEDIA	: NON CORROSIVE GASES
TEMP. RANGE	: -40° TO +70°C
BODY PORTS	: 1/4" N P T FEMALE
LEAKAGE	: BUBBLE TIGHT
WETTED AREA PARTS	: ULTRASONICALLY CLEANED
INLET PRESSURE	: 200 BAR MAXIMUM
DELIVERY PRESSURE	: 1.5 / 3.5 / 10 BAR
MAXIMUM AIR FLOW	: <u>FLOW PRESSURE</u> <u>LPM</u>
	1.5 BAR 300
	3.5 BAR 650
	10 BAR 1100

HOW TO ORDER



APPLICATION

- ★ BRAZING
- ★ CUTTING
- ★ HEATING
- ★ WELDING
- ★ BEVERAGES
- ★ BUBBLING CONTROL
- ★ CALORIMETRY
- ★ CHROMATOGRAPHY
- ★ PROCESS CONTROL
- ★ PURGING
- ★ RESEARCH LAB.