



smartech.uk



PRESSURE GAUGE

PRESSURE SWITCH

LEVEL SWITCH & GAUGE

TEMPERATURE GAUGE

THERMO COUPLE & RTD

THERMOWELL

DIAPHRAM SEAL & ACCESSORIES

MANIFOLDS & NEEDLE VALVES

ARMATUREN GOETZE- SAFETY VALVES

SMARTTECH-PRESSURE GAUGE

S. STEEL PRESSURE GAUGE BOTTOM CONN.



Model : SMT11 PG/12PG/13PG/61PG
Dial : DN50/DN63/DN80/DN100/
DN125/DN150/DN250
Range : -1...0...1,600Bar
MP : Direct, Bottom Connection
Connection : 1/2"NPT(M), 1/4"(M)
IP : IP54/IP65
Execution : Dry/Dry but fillable, Glycerin

S. STEEL PRESSURE GAUGE BACK CONN.



Model : SMT11 PG/12PG/13PG/14PG/61PG/
62PG
Dial : DN50/DN63/DN80/DN100/ DN125/
DN150/DN250
Range : -1...0...1,600Bar
MP : Back Connection
Connection : 1/2"NPT(M), 1/4"(M)
IP : IP54/IP65
Execution : Dry/Dry but fillable, Glycerine

HIGH SAFETY PRESSURE GAUGE



Model : SMT21 PG/22PG/23PG
Dial : DN63/DN100/DN150
Range : -1...0...1,600Bar
MP : Direct, Bottom Connection
Connection : 1/2"NPT(M), 1/4"NPT(M)
IP : IP65
Execution : Dry but fillable, Glycerine

DIFFERENTIAL PRESSURE GAUGE IN-LINE CONN.



Model : SMT41PG/42 PG
Dial : DN63/DN100/DN150
Range : 0...0.25...70...75mbar upto 0...4 bar
MP : In-Line Connection
Connection : 1/4"NPT(F) X 2 NOS
IP : IP54/IP65
Execution : DRY

DIFFERENTIAL PRESSURE GAUGE BOTTOM CONN.



Model : SMT32 PG
Dial : DN63/DN120/DN150
Range : 25mbar...0...25bar
MP : Direct, Bottom Connection
Connection : 1/2"NPT(M)X2 NOS
IP : IP65
Execution : Dry

INDICATING SWITCH DIFFERENTIAL PRESSURE GAUGE



Model : SMT43 PG
Dial : DN63/DN100/DN150
Range : 0...75mbar- upto 0...4mbar
MP : Direct, Bottom Connection
Connection : 1/4"NPT(F)X 2 NOS,
IP : ATEX&FM APPROVED EXCLASS,
I, II&III NEMA 4X, IP66, IP67
Execution : Dry

SS CASE BRASS PRESSURE GAUGE



Model : SMT63 PG/92 PG
Dial : DN50/DN63/DN100/ DN 25/DN150
Range : -1...40Bar(DN50)-1...1000bar(DN63
DN80/DN100)/-600...25...600mbar
MP : Direct, Bottom Connection
Connection : 1/2" NPT (M), 1/4 NPT(M)
IP : IP 54/IP65
Execution : DRY, DRYBUT FILLABLE,
GLYCERINE

ALL ELECTRIC CONTACT PRESSURE GAUGE



Model : SMT51PG/52 PG
Dial : DN100/DN150
Range : -1...0...1600BAR
MP : Direct, Bottom Connection
Connection : 1/2"NPT(M)
IP : IP65
Execution : DRY
Electri. Termi. : 4 PIN PG 13 .5Connector

TRANSMITTER PRESSURE GAUGE



Model : SMT53PG
Dial : DN100/DN150
Range : -1...0...600 BAR
MP : Direct, Bottom Connection
Connection : 1/2" NPT (M)
IP : IP65
Execution : DRY
Supply Voltage : 24V DC , LOOP POWERED

SANITARY PRESSURE GAUGE



Model : SMT71 PG
Dial : DN50/DN63/DN100
Range : -1...40BAR
MP : Direct, Bottom Connection
Connection : 1/2" Sanitary connection
IP : IP65
Execution : Dry but fillable, glycerin
Filling fluid : Glycerine(10° C to 150° C)

HOMOGENIZER PRESSURE GAUGE



Model : SMT72PG
Dial : DN100
Range : 0...160 bar (B21), 0...250bar(B24)
0...400bar (B27), 0...600bar(B29)
MP : Direct, Bottom Connection
Connection : With mounting flange
IP : IP65
Execution : Dampening liquid filled, glycerine
Filling fluid : Food grade oil

ALL STAINLESS STEEL DIAPHRAGM TYPE GAUGE



Model : SMT62PG
Dial : DN100/DN 150
Range : -1...0...25bar(type 1)
60...600mbar(type 2)
6...40 mbar (type 3)
MP : Direct, Bottom Connection
IP : IP 54
Execution : Dry
Connection : 1/2" NPT (M)

INTEGRAL DIAPHRAGM SEAL PRESSURE GAUGE



Model : SMT73PG /74PG
Dial : DN100 / DN 150
Range : -1...4...70...400 bar
MP : Direct, Bottom Connection
Connection : 1/2" NPT(M), 1 1/2" RF 150 as per
ANSI B16.5
IP : IP65
Execution : Dry
Filling fluid : Silicon DC200

TEST PRESSURE GAUGE



Model : SMT81PG
Dial : DN 150/ DN 250
Range : -1...700 bar
MP : Direct, Bottom Connection
Connection : 1/2" NPT(M)
IP : IP65
Execution : Dry

ADJUSTABLE DEAD BAND PRESSURE GAUGE



Model : SMT82PG
Dial : DN 100/ DN 150
Range : -1...2...100 bar
MP : Direct, Bottom Connection
Connection : 1/2" NPT(M)
IP : IP65
Execution : Dry

MUD PRESSURE GAUGE



Model : SMT83PG
Dial : DN 100
Range : 0...40 bar(B16) 0...60 bar(B17),
0...100...bar(B19), 0...160bar(B21)
0...250bar(B24) 0...400bar(B27)
0...600bar(B29), 0...800bar(B59)
MP : Direct, Bottom
Connection : 2" NPT(M)
IP : IP65
Execution : Dampening glycerine liquid filled

UTILITY PRESSURE GAUGE



Model : SMT11 PGE
Dial : DN25 /DN 40/DN50/DN63/DN80
DN100/DN150/DN250
Range : -1...70bar(DN40), -1...400(bar
(DN50/DN63/DN80)
- 1...700bar(>DN100)
MP : Direct Bottom Connection
Connection : 1/2" NPT(M)
Execution : Dry

MICROSWITCH PRESSURE GAUGE



Model : SMT54PG
Dial : DN100/ DN150
Range : -1...0...600 bar
MP : Direct Bottom Connection
Connection : 1/2" NPT(M)
Execution : Dry
IP : IP 65

AMMONIA PRESSURE GAUGE



Model : SMT93PG
Dial : DN63 /DN 100
Range : -1...12.5bar(B58), -1...16bar(B47)
(amoniascale) -1...25bar(B49)-39"Hg...150psi
(S45), -30"Hg...300 psi(S48)0...
300psi(S12)
MP : Direct Bottom Connection
Connection : 1/4" NPT(M)
Execution : Dry

DRAFT PRESSURE GAUGE



Model : SMT84PG
Dial : 150 X 78 MM I 200 X 104 MM
Range : -6000...6000 mmWC
MP : Back Connection with mounting
Bracket
Connection : 1/4" BSP(M)
Execution : Dry

TYRE PRESSURE GAUGE



Model : SMT94PG
Dial : DN 50 /DN 63
Range : 0...30 psi (S04), 0...60psi (S06),
0...100Psi(S08), 0...150 psi(S09),
0...220, psi(S11)
MP : Direct, Bottom connection
Connection : Twin connection
Execution : Dry

SMARTECH-PRESSURE SWITCH

COMMERCIAL PRESSURE SWITCH



Mode : SMT11 PS
 Repeatability : 2% F.S
 Measure.Unit : Bar/ psi
 Encl.Matrl : Steel(Plated) with Plastic cover
 Differential : Adjustable, External
 Mounting : Bottom/Panel
 PC : 1/4" BSP (F)
 Set point : External, field adjustable

WEATHERPROOF PRESSURE SWITCH



Mode : SMT12 PS
 Repeatability : 2% F.S
 Measure.Unit : Bar/ psi
 Differential : Adjustable, Internal
 Mounting : Bottom/Panel
 PC : 1/2" BSP (F)
 Set point : Internal, field adjustable
 Cable entry : 3/4" ET(F)

DIFFERENTIAL PRESSURE SWITCH



Mode : SMT22 PS
 Repeatability : 0.5% F.S
 Measure.Unit : Bar
 Differential : Fixed(Stand.), Adjustable(Opt.)
 Mounting : Bottom/Panel
 PC : 1/4" BSP (F) X 2 Nos
 Set point : Betw. 20 to 80% F.S for better Performance
 Cable entry : PG.13.5mm

FLAMEPROOF DIFFERENTIAL PRESSURE SWITCH



Mode : SMT32 PS
 Repeatability : 0.5% F.S
 Measur.Unit : Bar
 Differential : Fixed(Stand, Adjustable(Opti)
 Mounting : Bottom/Panel
 PC : 1/4" BSP (F) X 2Nos
 Set point : Betw. 20 to 80% F.S for better Performance

FLAMEPROOF HIGH PRESSURE SWITCH



Mode : SMT11 PS
 Repeatability : 1% F.S
 Measure.Unit : Bar
 Differential : Fixed(Standard), Adjustable(Opt)
 Mounting : Bottom/Panel
 PC : 1/4" BSP (F)
 Set point : Betw. 20 to 80% F.S for better Performance
 Cable entry : 1/2"NPT Double Compres.in Brass

FLAME PROOF PRESSURE SWITCH



Mode : SMT31 PS
 Repeatability : 0.5% F.S
 Measure.Unit : Bar
 Differential : Fixed(Stand.), Adjustable(Opt)
 Mounting : Bottom/Panel
 PC : 1/4" BSP (F)
 Set point : Betw. 20 to 80% F.S for better Performance
 Cable entry : 1/2"MPT Double

HIGH PRESSURE SWITCH



Mode : SMT23 PS
 Repeatability : 1% F.S
 Measure.Unit : Bar
 Differential : Fixed(Stand.), Adjustable(Opti.)
 Mounting : Bottom/Panel
 PC : 1/4" BSP (F)
 Set point : Betw. 20 to 80% F.S for better Performance
 Cable entry : PG.13.5mm

HIGH ACCURACY WEATHERPROOF PRESSURE SWITCH



Mode : SMT21 PS
 Repeatability : 0.5% F.S
 Measur.Unit : Bar
 Differential : Fixed(Standard), Adjustable(Opt)
 Mounting : Bottom/Panel
 PC : 1/2" BSP (F) 1/4" BSP (F)
 Set point : Internal, field adjustable/ Betw. 20 to 80% F or better perform.
 Cable entry : PG.13.5mm

MINIATURE PRESSURE SWITCH



Mode : SMT13 PS
 Repeatability : 2% F.S
 Measure.Unit : Bar
 Differential : Fixed
 Mounting : Direct
 PC : 1/4" BSP (M), AISI 304 SS
 Set point : External field adjustable

SMARTECH-LEVEL SWITCH & LEVEL GAUGE

FLOAT LEVEL SWITCH



Model : SMT11 LS
 Enclosure : Pressure die - cast Aluminum
 Wetted Parts : AISI 316 SS
 PC : Flanged / Threaded
 Mounting : Side (Standard)/Top (optional)
 Cable Entry : 1/2" BSP(F) single comp. gland
 Max Opt press. : 20 bar
 IP : IP 67

TOP MOUNTED LEVEL SWITCH



Model : SMT12 LS
 Enclosure : Pressure die - cast Aluminum
 PC : Flanged / Threaded
 Wetted Parts : AISI 316 SS
 Cable Entry : 1/2" BSP(F) single comp. gland
 Mounting : Top
 Max Opt pressure: 10 bar
 IP : IP 67

EXTERNAL TOP MOUNTED LEVEL SWITCH



Model : SMT13 LS
 PC : Flanged
 Cent. to Cent.dist. : 250mm(min) up to 3,000mm (max)
 Mounting : Top
 Max Opt pressure : 10 bar

MAGNETIC LEVEL GAUGE



Model : SMT21 LG
 PC : Flanged / Threaded
 Chamber Material: AISI 316 SS
 distance : 250mm (min) up to 6000mm (max)
 Mounting : Side/Side or Top
 Max Opt pressure : 10 bar
 Drain Connection : 1/2" NPTF, Plugged

GLASS LEVEL GAUGE



Model : SMT21 LS
 PC : Flanged / Threaded
 Body Material : ASTM A105 (Carbon Steel)
 Mounting : Side/Side
 Max Opt pressure : 10 ... 50 bar
 Drain Connection : 1/2" NPTF, Plugged
 Isolation valves : Screwed bolted bonnet ball valve

TABULAR LEVEL GAUGE



Model : SMT24 LG
 Mounting : Side/Side
 Max Opt pressure : 10 bar
 Drain Connection : 1/2" NPTF, Plugged
 Packing gasket : PTFE
 Tubular glass : Acrylic glass

FLOAT AND SCALE LEVEL GAUGE



Model : SMT25 LG
 PC : Flanged
 Mounting Assemb. : Cadmium Plated Steel Pulley with PTFE bush and SS Shift Housed in weather proof CI Enclosure
 Max Opt pressure : 5bar
 Drain Connection : 1/2" NPTF, Plugged

MINIATURE LEVEL SWITCH



Model : SMT31 LS
 PC : Threaded
 wetted parts : AISI 316 SS
 Switch Type : 0.5A/250VAC
 Mounting : Top/Side
 Max Opt pressure : 10 bar
 Switching points : Single
 Connector : DIN(Optional)

TOP MOUNTED CABLE FLOAT LEVEL SWITCH



Model : SMT33 LS
 Enclosure : Pressure die - cast Aluminum
 PC : Flanged
 Material : AISI 316 SS
 Mounting : Top
 Max Opt pressure : 4 bar
 IP : IP 67
 Switch rating : 16A / 250VAC

CABLE FLOAT LEVEL SWITCH



Model : SMT34 LS
 Wetted parts : Polypropylene
 Switch Rating : 16 A / 250 VAC
 Mounting : Vertical
 Max Opt pressure : 4 bar
 IP : IP 68

PLASTIC MINIATURE LEVEL SWITCH



Model : SMT32 LS
 PC : Threaded
 Wetted parts : Polypropylene
 Switch Rating : 0.5A/240VAC or 0.5A/200 VDC
 Mounting : Top/Side
 Max Opt pressure : 4 bar
 Switching points : Single


TRANSPARENT GLASS LEVEL GAUGE



Model : SMT23 LG
 PC : Flanged / Threaded
 Body material : ASTM A105 (Carbon Steel)
 Mounting : Side/Side
 Max Opt pressure : 10 ... 50 bar
 Drain Connection : 1/2" NPTF, Plugged
 Isolation Valves : Screwed bolted bonnet ball valve


SMARTECH-TEMPERATURE GAUGE

BIMETAL THERMOMETER BOTTOM CONN.




Model : SMT51 TG/53TG
 Dial : DN50/DN63/DN80/DN100/DN125/DN150
 Range : -80...0...600 °C/-110...0...1100°F
 -200...0...+700°C/-330...0+1290°F
 MP : Direct Bottom conn./Elbow Mounting
 IP : IP65
 PC : 1/2"NPT(M)/1/2"BSP(M)

BIMETAL THERMOMETER BACK CONN.



Model : SMT52TG
 Dial : DN80/DN100/DN125/DN150
 Range : -80...0...600 °C / -110...0...1100°F
 MP : Every Angle Mounting,Center Back Connection
 Connection : 1/2"NPT(M), 1/4", 3/8"
 IP : IP65
 PC : 1/2"NPT(M)/1/2"BSP(M)


INDUSTRIAL THERMOMETER



Model : SMT71TG/ 72TG/73TG/74TG
 Dial : DN100/DN125/DN150/250DN
 Range : -200...0...+700°C/-330...0+1290 °F
 MP : Direct Bottom connection
 Connection : 1/2" NPT (M) 1/2" BSP(M)
 IP : IP65
 PC : 1/2"NPT(M)/1/2"BSP(M)


SMARTECH-THERMO COUPLE & RTD

INDUSTRIAL THERMO COUPLE ASSEMBLY




Model : SMT11TC/12TC/13TC/14TC/15TC
 Element : Type K(NiCr - Ni)
 No.of Sensor : Simplex
 Hot Junction : Ungrounded
 Head Type : Threaded,Weatherproof,IP-65
 Process : 1/2"NPT (M),1/2"BSP (M)
 Sh.Material : AISI 316 SS

THERMOCOUPLE SPARE - INSERT




Model : SMT21 TC/24 TC/25TC/28TC
 Element : Type R(NiCr-Ni)
 No.of Sensor : Simplex
 Hot Junction : Ungrounded
 Terminator : Bare conduct , spring loaded Terminal Block
 Sh.material : AISI 316 SS

THERMOCOUPLE SENSOR




Model : SMT22TC/23TC/27TC
 Element : Type K(NiCr)
 No.of Sensor : Simplex
 Hot Junction : Ungrounded
 PC Type : Adjustable
 PC : 1/2" NPT (M)/1/2"BSP(M)
 Sh.Material : AISI 316 SS

SURFACE MOUNT THERMOCOUPLE ASSEMBLY




Model : SMT31 TC
 Element : Type K(NiCr - Ni)
 No.of Sensor : Simplex
 Term. head : Threaded, Weatherproof, IP- 65
 Mounting Type : Bracket Mounting for Head
 Material : AISI 316 SS
 Hot - Junction : Ungrounded

PROTECTION TUBE THERMOCOUPLE ASSEMBLY




Model : SMT32TC/33TC/34TC
 Element : Type R(Pt-13%Rh/Pt)
 No.of Sensor : Simplex
 Hot Junction : Ungrounded
 Terminal head : Screwed Type,Weather proof, IP65
 PC Type : Adjustable Connection
 PC : 3/4"NPT (M)
 cable Entry : 3/4"ET(F),1 NO
 PC : :1.5" RF 150#/3/4" NPT (M)

SPRING LOADED THERMOCOUPLE SENSOR




Model : SMT25TC
 Element : Type J(Fe-CuNi)
 No.of Sensor : Simplex
 Hot Junction : Ungrounded
 Sensor mounting Style : Straight type
 PC type : single slotted
 Sh.Material : :AISI 316 SS

INDUSTRIAL RTD ASSEMBLY




Model : SMT11RT/12RT/13RT/14RT
 Element : Pt-100,Class B
 Range : -200.....400°C
 Head enclo. : Weather proof,IP 65,Threaded cover
 PC : 1/2"NPT(M)/1/2"BSP(M)
 Cable entry : 3/4" ET (F)1 NO
 Enclo.mat. : Die-Cast Aluminium

RTD SENSOR




Model : SMT21RT/24RT/35RT
 Element : Pt-100,Class B
 Range : -200.....400°C /0...155 °C
 Wire Connect. : Simplex,3Wire
 PC : 1/2"NPT(M)/1/2"BSP(M) Adjust.
 Sh.Material : AISI 316 SS,Epoxy fiber glass

RTD SPARE INSERT




Model : SMT23RT
 Element : Pt-100,Class B
 Range : -200.....400°C
 Wire combin. : Simplex,3 Wire
 Sh.Material : AISI 316 SS

SURFACE MOUNT RTD ASSEMBLY




Mode : SMT31 RT
 Element : Pt-100,Class B
 Range : -200.....400°C
 Wire combin. : Simplex,3 Wire
 Head enclos. : Weather proof,IP 65,Threaded cover
 Enclos.Materi : Die-Cast Aluminium
 Cable Entry : 3/4"ET(F),1 NO

PROTECTION TUBE RTD ASSEMBLY



Model : SMT32RT/33RT
 Element : Pt-100,Class B
 Range : -200.....400°C
 Wire combin. : Simplex,3 Wire
 PC : 3/4" NPT (M)3/4"BSP(M) 1.5 RF 150#as per ANSI B16.5
 Sh.Material : AISI 316 SS
 Cable Entry : 3/4"ET(F),1 NO
 Head Enclos. : Weather proof,IP 65 Threaded cover


HYGIENIC RTD ASSEMBLY



Model : SMT34RT
 Element : Pt-100,Class B
 Range : -200.....400°C
 Wire combin. : Simplex,3 Wire
 PC : 11/2" Tri-Clamp
 Cable Entry : 3/4"ET(F),1 NO
 Sh.Material : AISI 316 SS


SMARTECH-THERMOWELL

THREADED THERMO WELL



Model : SMT11TW/12TW
 Shank Form : Straight
 Material : AISI 316 SS
 IC : 1/2" NPT(F) 1/2"BSP(F)
 PC : 1/2" NPT(M) 1/2"BSP(M)/ 3/4"NPT(M)3/4"BSP(M)
 Head type : Hex

FLANGED THERMOWELL




Model : SMT13TW/14TW/15 TW/24 TW/ 25TW
 Shank Form : Straight, Taper
 IC : 1/2" NPT(F) 1/2"BSP(F)
 PC : Flange As per ANSI B16.5 EN 10921, JIC etc/1" 150 #asper ANSI B16.5
 Head type : Hex ,Round
 Material : AISI 316 SS

VAN-STONE THERMOWELL




Model : SMT21 TW/12TW
 Shank Form : Tapered
 Material : AISI 316 SS
 IC : 1/2" NPT(F) 1/2"BSP(F)
 PC : 1 1/2"RF Diameter
 Head type : Round

SANITARY THERMOWELL




Model : SMT22TW
 Shank Form : Straight
 Material : AISI 316 SS
 IC : 1/2" NPT(F) 1/2"BSP(F)
 PC : 1 1/2" Tri-clover Connection
 Head type : Round with spanner slot

WELD-IN/SOCKET-WELD THERMOWELL



Model : SMT23TW
 Shank Form : Tapered
 Material : AISI 316 SS
 IC : 1/2" NPT(F)
 PC : Weld Connection
 Head type : Round

COMPRESSION END THERMOWELL



Model : SMT 26TW
 Shank Form : Tapered
 Material : AISI 316 SS
 IC : Nut with Compression ferrule
 PC : 3/4"NPT (M)
 Head type : Hex

SMARTTECH-DIAPHRAGM SEAL & ACCESSORIES

THREADED DIAPHRAGM SEAL



Model : SMT11DS/12DS/13DS/14DS/11DSC
 Range : -1...0bar-1...2.5bar,-1...21bar, 0...2.5,0...21bar,0...70bar, 4...70bar, 4...600bar, 100...250bar,280...600 bar
 IC : 1/2"NPT (F)
 Diaphragm : AISI 316L SS
 Sealing fluid : Silicon DC 200(-40...205°C)
 PC : 1/2"NPT (M) / 1/4" NPT (M)
 Assembly : Direct

FLANGED DIAPHRAGM SEAL



Model : SMT21 DS/22DS/23DS/24DS/45DS
 Range : -1...0 bar-0...21bar,-1...0bar, 0...250bar,-1...250bar, 0...70bar
 IC : 1/2"NPT (F)
 Sealing fluid : Silicon DC 200(-40...205°C)
 PC : 1",1 1/2" 150#as per ANSI B16.5
 Assembly : Direct

SANITARY DIAPHRAGM SEAL



Model : SMT31DS/32DS/33DS
 Range : -1...0 bar-0...40Tri-clamp,bar, 1.6...40bar/DIN 11851,
 IC : 1/2"NPT (F)
 Sealing fluid : Glycerine(10°C to150°C)
 PC : 1.5"Connection
 Assembly : Direct

PULP DIAPHRAGM SEAL



Model : SMT41DS
 Range : 4...40 bar
 IC : 1/2"NPT (F)
 Diaphragm : AISI 316L SS
 Sealing fluid : Silicon DC 200(-40...205°C)
 PC : Floating DC 200
 Assembly : Direct

WAFER DIAPHRAGM SEAL



Model : SMT42DS
 Range : -1...250bar
 IC : 1/2"NPT (F)
 Diaphragm : AISI 316 L SS
 Sealing fluid : Silicon DC 710(7°Cto371°C)
 PC : 2" RF Flange Connection
 Assembly : Remote

WELD-IN DIAPHRAGM SEAL



Model : SMT43DS
 Range : -1...0 bar&0...100 bar
 IC : 1/2"NPT (F)
 Diaphragm : AISI 316 L SS
 Sealing fluid : silicon DC 200(-40...205°C)
 PC : 2.5"pipe (Saddle)
 Assembly : Direct

GAUGE COCK



Model : SMT11AC, SMT14AC
 Type : Pattern 1(2 Way)
 IC : 1/2"NPT(F)1/2"NPT(F) x 2 Nos for 3 Way]3/8"BSP(F)
 Gaskets/seal : PTEE
 Material : AISI 316 SS/Brass
 PC : 1/2"NPT(M) /3/8"BSP(F)

GAUGE SIPHON



Model : SMT12AC, SMT13AC
 Type : Pattern 1(Coiled type)
 Material : AISI 316 SS
 IC : 1/2" Pipe-end
 Pipe Size & SCH : Pipe 1/2" SCH 40/3/8"SCH40
 Connection type : Weld - in connection
 PC : 1/2" Pip end/3/8"BSP(M)

PULSATIION DAMPENR/GAUGE SNUBBER



Model : SMT21AC
 Type : Pattern 1(Adjustable needle)
 Material : AISI 316 SS
 IC : 1/2" NPT (F)
 Gaskets/Seals : Viton
 PC : 1/2" NPT(M)

OVERLOAD PROTECTOR/GAUGE SAVER



Model : SMT22AC
 Type : Pattern 3 (6...16bar)
 Material : AISI 316 SS
 IC : 1/2" NPT (F)
 Gaskets/Seals : Viton
 PC : 1/2" NPT(M)

COOLING TOWER



Model : SMT23AC
 Type : Pattern 1 (FIN TYPE)
 Material : AISI 316 SS
 IC : 1/4" NPT (F)
 PC : 1/4" NPT(M)
 Max.working pres.:1000 bar

FLUSHING RING



Model : SMT31AC
 Flange Size : 1 1/2"
 Material : AISI 316 SS
 Flange facing : Raised face
 Flushing port : 1/2" NPT (F),Plugged

SMARTTECH-MANIFOLDS & NEEDLE VALVES

NEEDLE VALVE F X F



Model : SMT 14IV
 Stem type : miniature tip stem
 Stem : Double Bonnet
 Weted parts : AISI 316 SS
 IC : 1/2"NPT(F)1/2"BSP(F)
 Stem packing : PTEE
 PC : 1/2"NPT(F)1/2"BSP(F)

NEEDLE VALVE M X F



Model :SMT11IV /12IV/13IV/15IV/23IV
 Stem type :Hard seatstem/miniature tip stem/stand. stem Instrument
 Wetted part: AISI 316 SS
 IC :1/2"NPT(F)1/2"BSP(F)1/4"NPT(F)/1/4"BSP(F)
 Stem : PTFE
 PC : 1/2"NPT(F)1/2"BSP(F)/1/4"NPT(F)1/4"BSP(F)1/2"NPT(M)1/2"BSP(M)
 Form : Direct

TWO VALVE MANIFOLD



Model : SMT12MF
 Mounting : Remote
 IC : 1/2"NPT(F)1/2"BSP(F)
 Stem packing : PTFE
 PC : 1/2"NPT(M)1/2"BSP(M)
 Stem : Conical Metal tip
 Drain Port : 1/2" NPT (F),Plugged

THREE VALVE MANIFOLD



Model : SMT13MF
 Pattern : 1
 Mounting : Direct
 Wetted parts : AISI 316 SS
 IC : 1/2"NPT(F)x2nos.1/2"BSP(F)x 2 nos.
 Stem packing : PTEE
 PC : 1/2"NPT(F)x2nos.1/2"BSP(F)x2nos.
 Stem : Conical Metal tip
 Drain Port : 1/4" NPT(F) X 2NOS, plugged

FOUR VALVE MANIFOLD



Model : SMT14MF
 Mounting : Direct
 IC : Flange (DN 19213 Form B1)
 Stem packing : PTFE
 Weted parts : AISI 316 SS
 PC : 1/2"NPT(F) x 2 nos.1/2"BSP(F) x 2 nos.
 Stem : Conical Metal tip
 Drain Port : 1/4" NPT(F), plugged

FIVE VALVE MANIFOLD



Model : SMT15MF
 Pattern : 16
 Mounting : Remote
 IC : 1/2"NPT(F) x2nos
 Stem packing : PTFE
 PC : 1/2"NPT(F) x 2 nos.
 Stem : Conical Metal tip
 Drain Port : 1/4" NPT(F) x 2 nos.plugged

MONO FLANGES



Model : SMT22MF
 Type : Single Block&Bleed
 IC : 1/2"NPT(F)
 Stem packing : PTEE
 PC : 1/2" RF 150#as perANSI B16.5
 Stem : Conical Metal tip
 Drain Port : 1/2" NPT (F),Plugged

DISTRIBUTION MANIFOLD



Model :SMT21IV /12IV/21MF
 No:of Parts : 8 Ports
 IC :1/2"NPT(F)1/2"BSP(F)
 Stem packing : PTFE
 Weted parts :AISI 316 SS
 PC : 1/2"NPT(F) 1/2"BSP(F)
 Stem : Conical Metal tip
 Drain Port : 1/2" NPT (F), Plugged

CHECK VALVE



Model : SMT22IV
 Stem type : Poppet & Spring
 Weted parts :AISI 316 SS
 IC : 1/2"NPT(F)1/2"BSP(F)
 PC : 1/2"NPT(F)1/2"BSP(F)
 O' Ring : Viton
 Valve form : Direct

ARMATUREN GOETZE-SAFETY VALVES

PRESSURE RELIEF VALVE



Model : 628 Series
 Body : Gun metal
 Medium : Air, Vapours, Gase, Liquids & Steam
 size : 10MM - 50MM (Threaded)
 PN Rating : 0.2 - 20 Bar
 Operati. Temp. : 60°C to + 225°C
 Available : Y type & Straight with & without lifting lever
 Approved : CE & EAC

SAFETY VALVES FEMALE X FEMALE



Model : 651 Series
 Body : Gun metal
 Medium : Hot & Cold Water
 Size : 15MM - 32MM (Threaded)
 PN Rating : 3 - 10 Bar
 Operating Temp. : 10°C to + 95°C
 Mechanism : Twist Type lifting
 Approved : TUV, CE, TS, EAS & ACS

PRESSURE REDUCING VALVE FLANGE TYPE



Model : 682 Series
 Body : Gun metal
 Medium : Potable Hot & Cold Water
 Size : 15MM - 100 MM (Flanged)
 PN Rating : 40 Bar
 Outlet pressure : 0.5 - 15 Bar
 Operating Temp. : - 20°C to + 120°C
 Available : Balance Direct Acting Type
 Approved : WRAS Approved upto 85°C

GUN METAL PRESSURE REDUCING VALVE



Model : 681 Series
 Body : Gun metal
 Medium : Potable Hot & Cold Water
 Size : 15MM - 50 MM (Flanged)
 PN Rating : 40 Bar
 Outlet pressure : 0.5 - 15 Bar
 Operating Temp. : - 20°C to + 120°C
 Available : Balance Direct Acting Type
 Approved : WRAS Approved upto 85°C

S.S & GUN METAL PRESSURE REDUCING VALVE



Model : 9000 Series
 Body : Lead Free Gunmetal & SS
 Medium : Potable Hot & Cold Water
 Size : 15MM - 50 MM (Threaded)
 PN Rating : 16 Bar / 25 Bar
 Outlet pressure : 0.5 - 15 Bar
 Operating Temp. : +5°C to +85°C
 Available : Balance Direct Acting Type
 Approved : WRAS Approved upto 85°C

AUTOMATIC AIR VENT/FLOAT VALVE



Model : Type 620
 Body : Gunmetal with Copper float
 Medium : Liquids Neutral and Non-neutral
 Size : 10MM & 15 MM (Threaded)
 PN Rating : 6 Bar
 Operating Temp. : -30°C to + 120°C

HYDROGEN SAFETY VALVE



Model : 492 Gaseous Series
 Body : SS
 Medium : Gaseous
 Size : 6.35MM-20MM
 PN Rating : 50 - 1500 Bar
 Operating Temp. : -60Deg C to + 200 Deg C

SAFETY VALVES MALE X FEMALE TYPE



Model : 460 Series
 Body : SS
 Medium : Liquid, Air, Gases & Vapours
 Size : 10MM & 25MM (Threaded)
 PN Rating : 0.2Bar - 25 Bar
 Operating Temp. : -60°C to + 225°C

SAFETY VALVES FLANGE TYPE



Model : 355 Series
 Body : Spheroidal graphite CI, SS
 Medium : Liquid, Air, Gases, Vapours & Steam
 Size : DN15 - DN 100 (Flanged)
 PN Rating : 0.5 - 25 bar
 Operating Temp. : - 10°C to + 350°C

OXYGEN SAFETY VALVE



Model : 492 GOX Series
 Body : Gunmetal
 Medium : Oxygen
 Size : 6.35MM-20MM
 PN Rating : 50 - 420 Bar
 Operating Temp. : -40°C to + 60°C

ATMOSPHERIC DISCHARGE SAFETY VALVES



Model : 410 Series
 Body : SS
 Medium : Liquid, Air, Gases & Vapours
 Size : 8 MM- 25 MM (Threaded)
 PN Rating : 0,2 - 50 bar
 Operating Temp. : - 60°C to + 225°C

OVER FLOW & PRESSURE CONTROL VALVES



Model : 631 Series
 Body : Gun Metal
 Medium : Liquid, Air, Gases & Vapours
 Size : DN 15- DN100 (Flanged)
 PN Rating : 0,5 - 10 bar
 Operating Temp. : - 20°C to + 120°C

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