INDUSTRIAL TEMPERATURE GAUGE

MERCURY FILLED

āirmasler

SPECIAL FEATURES

- STAINLESS STEEL CASE & MEASURING SYSTEM
- MERCURY FILLED SYSTEM
- ACCURACY 1% FSD

APPLICATIONS

THE INSTRUMENT FIELD APPLICATION ARE REFINERY, DIESEL POWER GENERATION SETS, POWER, PILP & PAPER, SHIPPING, OFFSHORE, DG SETS, OIL ENGIENS, BOILERS, ALLIED PROCESS INDUSTRIES

SPECIFICATIONS

STANDARD VERSION: 100mm & 150mm

Accuracy : Class 1 as per EN 13190

Ambient Temperature : -25° C to 65° C

Operating Pressure : 15 kg/cm² (without thermowell)

Over Range Limit : 120 % of Full Scale

Stem Diameter : 8 mm

Process Connection : 1/2"BSP(M) Adjustable

Case & Bezel : AISI 304 SS (BayonetType)

Movement : CopperAlloy Stem & Connection : AISI 316 SS

Joints : Tig argon arc welding

Protection : IP 65

Dial : Aluminium, black graduation on white background
Pointer : Aluminium, black Coloured Micrometer Zero adjustable

Window : Sheet Glass Gasket : Neoprene

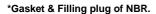
STANDARD VERSION:

Accuracy : Class 1 as per EN 13190

Ambient Temperature : Maximum 65°C Window : Plexi Glass

Dampening Liquids : Silicon Oil (Option QA)
Gasket & Filling Plug* : NBR

Other Features : Refer Specification of StandardeVsion





Nominal Range, Measuring Ranges & Limits of Error as per EN 13190

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Nominal Range (°C)	Measuring Range (°C)	Limits of rror (+ <u>°</u> C)
-20 to +40	-10 to +30	1
-20 to +60	-10 to +50	1
-20 to +120	-10 to +110	2
-30 to +30	-20 to +20	1
-30 to +50	-20 to +40	1
-30 to +70	-20 to +60	1
-40 to +40	-30 to +30	1
-40 to +60	-30 to +50	1
-100 to +60	-80 to +40	2
0 to 60	10 to 50	1
0 to 80	10 to 70	1
0 to 100	10 to 90	1
0 to 120	10 to 110	2
0 to 160	20 to 140	2
0 to 200	20 to 180	2
0 to 250	30 to 220	2.5
0 to 300	30 to 270	5
0 to 400	50 to 350	5
0 to 500	50 to 450	5
0 to 600	100 to 500	10