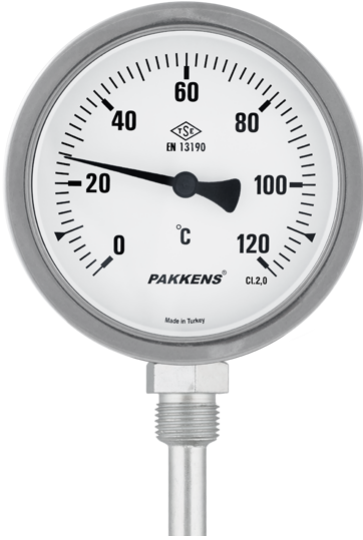




Explanation

PAKKENS TB Series Temperature Indicators are designed according to EN 13190 standard and are mainly used in the process industry and in corrosive environments where AISI 316L material is resistant to process fluid.

The modular design of the temperature indicator allows it to have different combinations of nominal dimensions, body lengths, body diameters and scale December.

Bimetal temperature indicators are installed in processes with screw thermowells. In addition to protecting the measuring device, the thermowell is also used to change the temperature indicator without stopping the systems. In addition, thermometers of this type can be manufactured with a tightening ring October, which allows the end user to adjust the body length.

Industrial Applications

Power Generation, Chemical and Petrochemical Plants, Oil and Gas Industry, Water/Wastewater Treatment Plants, Machine Building and Process Industry

general features

Uygunluk:

EN13190

Sıcaklık Algılama Elemanı:

Helisel Bimetal Bobin

Gösterge Çapı (mm):

Ø100, Ø160

Bulb Diameter(mm):

Ø9 (Optional: Ø6, Ø8)

Termovel Çapı (mm):

Ø12 (İsteğe Bağlı: G1/2"B Sıkma Yüzüğü)

Birim:

°C

Daldırma Boyu (mm):

100mm...1000mm

Ölçüm Aralığı:

-30°C...500°C

Hassasiyet Sınıfı:

CL 2.0

IP Koruma Sınıfı:

IP51, IP 65

Azami Çalışma Basıncı:

25 bar

Proses Bağlantısı:

G1/2"B

Malzemeler:

Bimetal Kılıfı:

AISI 316L

Termovel:

AISI 316L

Gövde:

AISI 304

Kapak:

AISI 304

Cam:

Cam

Kadran:

Alüminyum

İbre:

Alüminyum

Options:

Liquid Filling

Other process connections

Other temperature units

Customer-specific dial design

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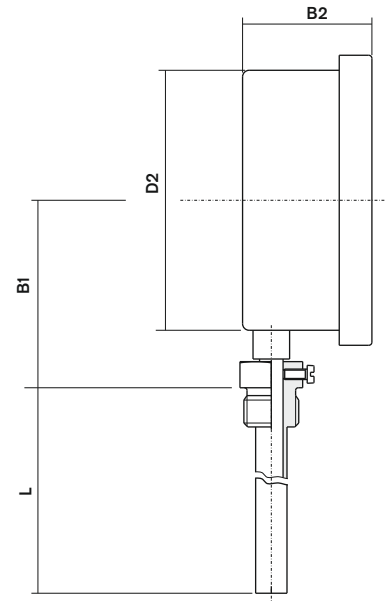
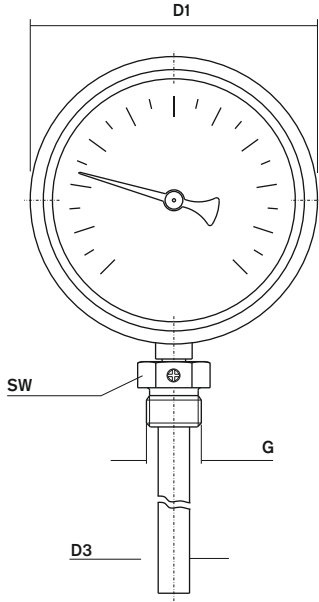
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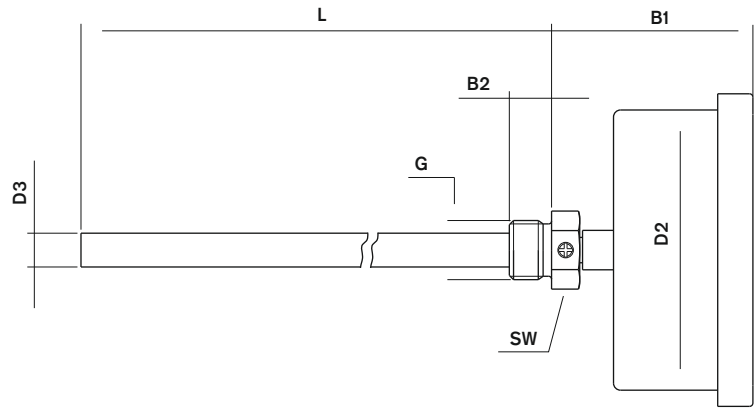
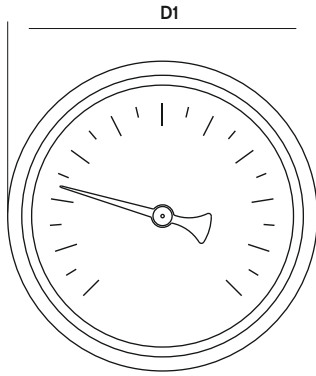
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Boyutlar (mm)

01- Ø100, Ø160 Alttan Bağlantılı

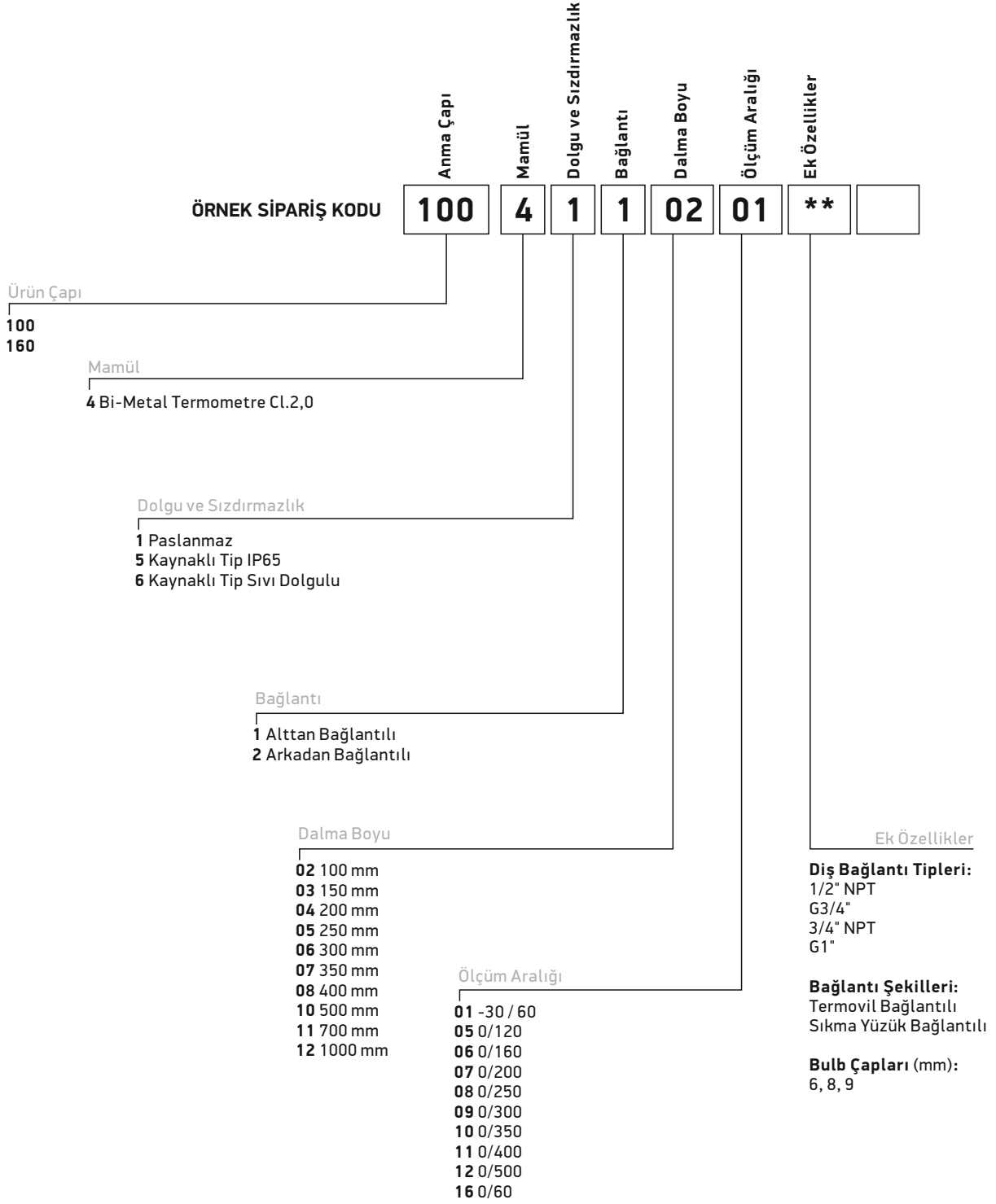


02- Ø100, Ø160 Arkadan Bağlantılı



Ø	Bağlantı Şekli	Versiyon	Gövde	Cam	Kapak	D1	D2	D3	B1	B1 (IP65)	B2	L	G	SW
100	Alttan Bağlantılı	Standart	Metal	Cam	Metal	110	100	12	69	78	48	100-1000	G1/2"	22
160	Termovelli	Standart	Metal	Cam	Metal	174	160	12	99	118	48	100-1000	G1/2"	22
100	Alttan Bağlantılı	Standart	Metal	Cam	Metal	110	100	9 (6-8)	Min. 82	Min. 91	48	100-1000	G1/2"	24
160	Sıkma Yüzüklü	Standart	Metal	Cam	Metal	174	160	9 (6-8)	Min.112	Min.121	48	100-1000	G1/2"	24
100	Arkadan Bağ.	Standart	Metal	Cam	Metal	110	100	12	64	71	15	100-1000	G1/2"	22
160	Termovelli	Standart	Metal	Cam	Metal	174	160	12	64	71	15	100-1000	G1/2"	22
100	Arkadan Bağ.	Standart	Metal	Cam	Metal	110	100	9 (6-8)	Min. 77	Min. 84	15	100-1000	G1/2"	24
160	Sıkma Yüzüklü	Standart	Metal	Cam	Metal	174	160	9 (6-8)	Min. 77	Min. 84	15	100-1000	G1/2"	24

Nasıl Sipariş Edilir?





Description

PAKKENS TB Series Temperature Gauges have been designed according to EN 13190 standard and is mainly used in process industry as well as the aggressive environments where AISI 316L material is resistant to the process fluid.

The modular design of the temperature gauge makes it enable to have different combinations of nominal sizes, different reading angles, stem lengths, stem diameters, and scale ranges.

The bimetal temperature gauges are assembled to the processes with screw-in thermowells. Besides protecting the measurement instrument, the thermowell is also used for exchanging the temperature gauge without halting the systems. Additionally, that type of thermometers can be manufactured with a compression fitting that allows the end-user to adjust the stem length.

Industrial Applications

Energy Generation, Chemical and Petrochemical Plants, Oil and Gas Industry, Water/wastewater Treatment Plants, Machine building, and Process Industry

General Specifications

Conformity:

EN13190

Temperature Sensing Element:

Bimetal Helix Coil

Sizes (mm):

Ø100, Ø160

Bulb Diameter (mm):

Ø9 (Optional: Ø6, Ø8)

Connection Type:

Compression Fitting-G1/2" B (Optional: Ø12mm Thermowell)

Unit:

°C

Immersion Length (mm):

100mm...1000mm

Measurement Ranges:

-30°C...500°C

Accuracy Class:

CL 1.0, CL 2.0

Ingress Protection Rate:

IP65

Max. Working Pressure:

25 bar

Process Connections:

G1/2"B

Materials:**Bimetal Cover:**

AISI 316L

Thermowell:

AISI 316L

Case:

AISI 304

Cover:

AISI 304

Window:

Glass

Dial:

Aluminium

Pointer:

Aluminium

Options:

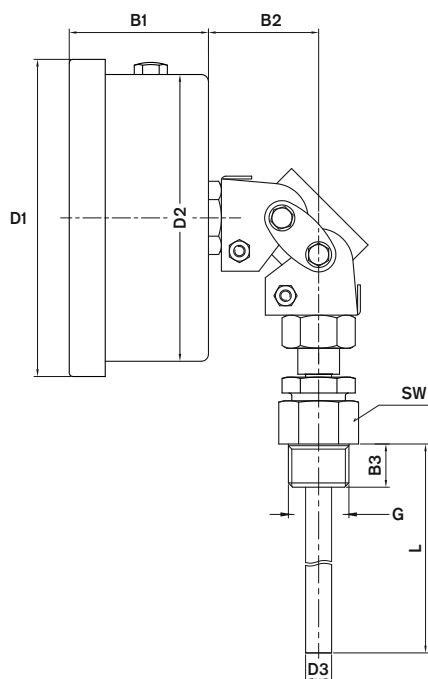
Other process connections

Other temperature units

Special dial design

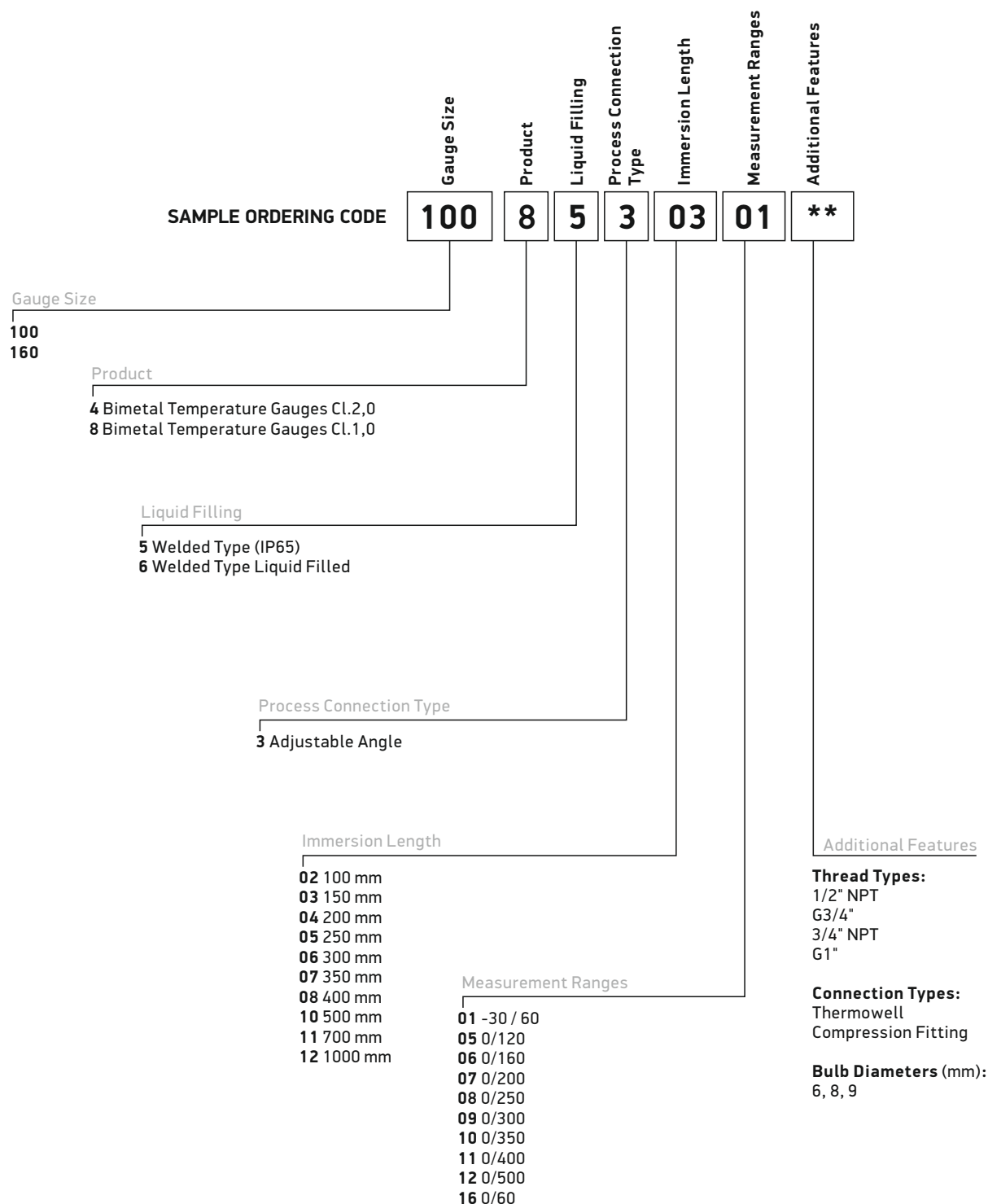
Dimensions (mm)

01- Ø100, Ø160



Ø	Connection	Version	Case	Window	Cover	D1	D2	D3	B1	B2	B3	L	G	SW
100	Compression Fitting	Standard	Metal	Glass	Metal	110	100	9 (6-8)	48	38	15	100-1000	G1/2"	24
160		Standard	Metal	Glass	Metal	174	160	9 (6-8)	48	38	15	100-1000	G1/2"	24
100	Thermowell	Standard	Metal	Glass	Metal	110	100	12	48	38	15	100-1000	G1/2"	22
160		Standard	Metal	Glass	Metal	174	160	12	48	38	15	100-1000	G1/2"	22

How To Order?



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