

Process Gauges

Type 21X.34



Type 212.34 - Dry case
Type 213.34 - Liquid filled case

- Solid Front / Blow Out Back Case
- Field Liquid-Fillable*
- Copper Alloy Wetted Parts

Specifically designed for the chemical and petroleum processing industries, WIKA Type 21X.34 process gauges have the construction, materials, and engineering it takes to withstand rough conditions. They are engineered to deliver years of accurate service, while withstanding vibration, corrosive media and corrosive environments, and a wide range of temperatures.

Standard Features

- **Nominal Case Size:** 4½" (115 mm)
- **Case Material:** Black- glass reinforced thermoplastic (POCAN)
- **Wetted Parts:** Copper alloy
- **Window Type & Material:** Acrylic
- **Removable Window:** Yes, threaded ring
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Threaded ring
- **Liquid Fillable Gauge:** Yes*
- **Case-to-Socket O-ring Material:** Viton
- **“Other” Gaskets/O-ring Types & Materials:** Window gasket, BUNA-N
- **Pointer Material/Type:** Black aluminum- adjustable
- **Adjustable Pointer:** Yes, under window
- **Accuracy:** ±0.5% of span ASME B40.100 Grade 2A
- **Connection Locations:** LM (Lower Mount)
- **Media Operating Temperature:** Max. 150°F
- **Ambient Operating Temperature:** -40°F to 140°F dry;
-4°F to 140°F-glycerine case fill; -40°F to 140°F- silicone case fill

Available Options

- “Dampened Movement” Option: Yes
- U-Clamp Bracket: No
- Front Flange: No (panel mount adaptor kit available)
- Rear Flange: Yes, integral to case
- Restrictor: Yes
- Safety Glass Window: Yes
- Instrument Glass Window (flat glass): Yes
- Drag Pointer (maximum reading indicator): Yes
- Cleaned for Use in Oxygen Service: Yes
- Panel Mount Kit: Yes
- Magnetic or Inductive Contact Switches: Yes (field installable)
- Receiver Gauge Scales: Yes
- Special Connection: Limited to wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	212.34	
Wetted Parts	Brass	
Connection	LM	
Conn. Size	1/4" NPT	1/2" NPT
Size	4 ½"	4 ½"
Press. Scale	PSI	PSI
30" Hg	9834036	9834257
30"-0-15 PSI	9834044	9834265
30"-0-30 PSI	9834052	9834273
30"-0-60 PSI	9834060	9834281
30"-0-100 PSI	9834079	9834290
30"-0-160 PSI	9834087	9834303
30"-0-200 PSI	9834095	
15 PSI	9834117	9834338
30 PSI	9834125	9834346
60 PSI	9834133	9834354
100 PSI	9834141	9834362
160 PSI	9834150	9834370
200 PSI	9834168	9834389
300 PSI	9834176	9834397
400 PSI	9834184	9834400
600 PSI	9834192	9834419
800 PSI	9834982	9834990
1,000 PSI	9834206	9834427
1,500 PSI		
2,000 PSI		
3,000 PSI		
5,000 PSI		
10,000 PSI		
15,000 PSI	N/A	N/A
20,000 PSI	N/A	N/A

Type	212.34- Receiver Scales	
Size	4 ½"	
Connection	LM	
Conn. Size	1/4" NPT	1/2" NPT
100%	9837060	
10 sq. rt.	9837078	

*With membrane installed

Data sheet: 21X.34

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Process Gauges

Type 22X.34

- **Solid Front/Blow-Out Back Case**
- **Field Liquid Fillable***
- **1019 Alloy Steel Socket/316SS Bourdon Tube**



Type 222.34 - Dry case
Type 223.34 - Liquid filled case

The WIKA Type 22X.34 alloy steel socket process gauge has all the standard features found on a WIKA process gauge, including: one-part ease of conversion to field fillable; smooth, machined movements; high accuracy; and standard under/overload stops. WIKA's Type 22X.34 is suitable for tough applications in the following industries: petroleum, chemical, pharmaceutical, process, energy, and plant construction & contracting.


Standard Features

- **Nominal Case Size:** 4½" (115 mm)
- **Case Material:** Black- glass reinforced thermoplastic (POCAN)
- **Wetted Parts:** 1019 steel socket/316SS Bourdon tube
- **Window Type & Material:** Acrylic
- **Removable Window:** Yes, threaded ring
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Threaded ring
- **Liquid Fillable Gauge:** Yes*
- **Case-to-Socket O-ring Material:** Viton
- **"Other" Gaskets/O-ring Types & Materials:** Window gasket, BUNA-N
- **Pointer Material/Type:** Black aluminum- adjustable
- **Adjustable Pointer:** Yes, under window
- **Accuracy:** ±0.5% of span ASME B40.100 Grade 2A
- **Connection Locations:** LM (Lower Mount)
- **Media Operating Temperature:** Max. 212°F
- **Ambient Operating Temperature:** -40°F to 140°F dry;
-40°F to 140°F- silicone case fill

Available Options

- "Dampened Movement" Option: Yes
- U-Clamp Bracket: No
- Front Flange: No (special panel mount kit available)
- Rear Flange: Yes, integral to case
- Restrictor: Yes
- Safety Glass Window: Yes
- Instrument Glass Window (flat glass): Yes
- Drag Pointer (maximum reading indicator): Yes
- Cleaned for Use in Oxygen Service: Yes
- Panel Mount Kit: Yes
- Magnetic or Inductive Contact Switches: Yes (field installable)
- Receiver Gauge Scales: Yes
- Special Connection: Limited wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	222.34
Connection	LM 
Conn Size	1/2" NPT
Size	4½"
Press Scale	PSI
30" Hg	4332670
30"-0-15 PSI	4353639
30"-0-30 PSI	4353647
30"-0-60 PSI	4353656
30"-0-100 PSI	4353664
30"-0-160 PSI	4353672
30"-0-200 PSI	4353680
15 PSI	4353532
30 PSI	4332688
60 PSI	4332696
100 PSI	4332709
160 PSI	4332717
200 PSI	4332725
300 PSI	4353698
400 PSI	4332733
600 PSI	4332741
800 PSI	4353702
1,000 PSI	4332751
1,500 PSI	4353728
2,000 PSI	4353736
3,000 PSI	4353745
5,000 PSI	4353753

*With membrane installed

Data sheet: 22X.34

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Note: Additional scales available; contact factory for more information

Process Gauges

Type 23X.34



Type 222.34 - Dry case
Type 232.34 - Liquid filled case

- Solid Front / Blow Out Back Case
- Field Liquid-Fillable*
- Now Available in a 6" Case

WIKA Type 23X.34 process gauges are specifically designed for the chemical and petroleum processing industries. Their rugged construction is designed to withstand vibration, corrosive media and corrosive environments, and a wide range of temperatures. The 23X.34 process gauge will deliver years of accurate service.



Standard Features

- **Nominal Case Size:** 4½" (115 mm) & 6" (160 mm)
- **Case Material:** Black- glass reinforced thermoplastic (POCAN)
- **Wetted Parts:** 316SS
- **Window Type & Material:** Acrylic
- **Removable Window:** Yes, threaded ring
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Threaded ring
- **Liquid Fillable Gauge:** Yes*
- **Case-to-Socket O-ring Material:** Viton
- **"Other" Gaskets/O-ring Types & Materials:** Window gasket, BUNA-N
- **Pointer Material/Type:** Black aluminum- adjustable
- **Adjustable Pointer:** Yes, under window
- **Accuracy:** ±0.5% of span ASME B40.100 Grade 2A
- **Connection Locations:** LM (Lower Mount) & LBM (Lower Back Mount)
- **Media Operating Temperature:** Max. 212°F
- **Ambient Operating Temperature:** -40°F to 140°F dry; -4°F to 140°F-glycerine case fill; -40°F to 140°F- silicone case fill

Available Options

- "Dampened Movement" Option: Yes
- U-Clamp Bracket: No
- Front Flange: No (special panel mount kit available)
- Rear Flange: Yes, integral to case
- Restrictor: Yes
- Safety Glass Window: Yes
- Instrument Glass Window (flat glass): Yes
- Drag Pointer (maximum reading indicator): Yes
- Cleaned for Use in Oxygen Service: Yes
- Panel Mount Kit: Yes
- Magnetic or Inductive Contact Switches: Yes
- Receiver Gauge Scales: Yes (field installable)
- Special Connection: Limited to wrench flat area


Note: For options not shown - consult your WIKA Distributor or the Factory.



Type	232.34				
Connection	LM 			LBM 	
Conn. Size	1/4" NPT	1/2" NPT		1/2" NPT	
Size	4 1/2"				
Press. Scale ¹	PSI	PSI	PSI/KG/CM ²	PSI/KPA ²	PSI
30" Hg	9834478	9834729	9696410	9837604	4217004
30"-0-15 PSI	9834486	9834737	9696428	9837566	
30"-0-30 PSI	9834494	9834745	9696436	9837523	4220854
30"-0-60 PSI	9834508	9834753	9696445	9837485	
30"-0-100 PSI	9834516	9834761	9696453	9792818	
30"-0-160 PSI	9834524	9834770	9696461		
30"-0-200 PSI	9834532	9834788		9837361	
30"-0-300 PSI	4260163	4260180			
30"-0-400 PSI	4260171	4260198			
15 PSI	9834559	9834800	9696479	9776885	4242131
30 PSI	9834567	9834818	9696487	9837680	4247923
60 PSI	9834575	9834826	9696495	9776877	9797607
100 PSI	9834583	9834834	9696509	9837760	9797615
160 PSI	9834591	9834842	9696517	9776869	9797624
200 PSI	9834605	9834850	9696525	9837841	9797632
300 PSI	9834613	9834869	9696534	9837884	9797640
400 PSI	9834621	9834877	9696542	8985116	9797658
600 PSI	9834630	9834885	9696550	9837965	9797666
800 PSI	9835008	9834974	9696568		9797675
1,000 PSI	9834648	9834893	9696576	9778918	9797683
1,500 PSI	9793318	9834907	9696585	9838082	4247931
2,000 PSI	9793661	9834915	9696593	9838120	4247940
3,000 PSI	9748911	9834923	9696606	9838163	4247958
5,000 PSI	9793521	9834931	9696615	9838201	4247966
10,000 PSI	9793679	9834940	9696623	9838244	
15,000 PSI		9834958	9696631		
20,000 PSI		9834966	9696649		
30,000 PSI		4255691			

¹PSI/KG/CM² denotes dual scale; PSI outside in black, KG/CM² inside in red. Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red. ² 4½" panel mounting kit (uninstalled) including polished 304 stainless steel ring

For glycerine filled gauges, add "-833" to part numbers above.

Data sheet: **23X.34** *With membrane installed

Type	232.34 - 6"		
Connection	LM 		
Conn. Size	1/2" NPT		
Size	6"		
Press. Scale ¹	PSI	PSI/KG/CM ²	PSI/KPA ²
30 "Hg	4317492		
30"-0-15 PSI			
30"-0-30 PSI			
30"-0-60 PSI			
30"-0-100 PSI			
30"-0-160 PSI			
30"-0-200 PSI			
30"-0-300 PSI			
30"-0-400 PSI			
15 PSI			
30 PSI	4317505		
60 PSI	4317513		
100 PSI	4317590		
160 PSI	4317521		
200 PSI	4317531		
300 PSI	4317549		
400 PSI			
600 PSI	4317557		
800 PSI			
1,000 PSI	4317565		
1,500 PSI	4343281		
2,000 PSI			
3,000 PSI			
5,000 PSI			
10,000 PSI			
15,000 PSI			
20,000 PSI			
30,000 PSI			

Type	232.34- Receiver Scales		
Size	4 1/2"		
Connection	LM 	LBM 	
Conn. Size	1/4" NPT	1/2" NPT	1/2" NPT
100%	9837108	9837124	4260228
10 sq. rt.	9837116	9837132	4260236

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Process Gauges

Type 26X.34



Type 262.34 - Dry case
Type 263.34 - Liquid filled case

- Solid Front/Blow-Out Back Case
- Field Liquid Fillable*
- Monel Wetted Parts

WIKA's Type 26X.34 process gauge features all of the same benefits as the popular 232.34 stainless steel wetted parts gauge, but with the added advantage of Monel wetted parts for process media conditions that require it. With many standard ranges kept in stock, the Monel wetted part WIKA Type 26X.34 is ideal for applications in several process industries including petroleum, chemical, energy, and plant construction/contracting.

Standard Features

- **Nominal Case Size:** 4½" (115 mm)
- **Case Material:** Black- glass reinforced thermoplastic (POCAN)
- **Wetted Parts:** Monel
- **Window Type & Material:** Acrylic
- **Removable Window:** Yes, threaded ring
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Threaded ring
- **Liquid Fillable Gauge:** Yes*
- **Case-to-Socket O-ring Material:** Viton
- **"Other" Gaskets/O-ring Types & Materials:** Window gasket, BUNA-N
- **Pointer Material/Type:** Black aluminum- adjustable
- **Adjustable Pointer:** Yes, under window
- **Accuracy:** ±0.5% of span ASME B40.100 Grade 2A
- **Connection Locations:** LM (Lower Mount)
- **Media Operating Temperature:** Max. 212°F
- **Ambient Operating Temperature:** -40°F to 140°F dry;
-4°F to 10°F-glycerine case fill; -40°F to 140°F- silicone case fill

*With membrane installed

Available Options

- "Dampened Movement" Option: Yes
- U-Clamp Bracket: No
- Front Flange: No (special panel mount kit available)
- Rear Flange: Yes, integral to case
- Restrictor: Yes
- Safety Glass Window: Yes
- Instrument Glass Window (flat glass): Yes
- Drag Pointer (maximum reading indicator): Yes
- Cleaned for Use in Oxygen Service: Yes
- Panel Mount Kit: Yes
- Magnetic or Inductive Contact Switches: Yes (field installable)
- Receiver Gauge scales: Yes
- Special Connection: Limited to wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	262.34
Wetted Parts	Monel
Connection	LM
Conn. Size	1/2" NPT
Size	4½"
Press. Scale	PSI
30" Hg	9835016
30"-0-15 PSI	9835024
30"-0-30 PSI	9835032
30"-0-60 PSI	9835040
30"-0-100 PSI	9835059
30"-0-160 PSI	9835067
30"-0-200 PSI	9835075
15 PSI	9835091
30 PSI	9835105
60 PSI	9835113
100 PSI	9835121
160 PSI	9835130
200 PSI	9835148
300 PSI	9835156
400 PSI	9835164
600 PSI	9835172
800 PSI	9835180
1,000 PSI	9835199
1,500 PSI	9835202
2,000 PSI	9835210
3,000 PSI	9835229
5,000 PSI	9835237
10,000 PSI	
15,000 PSI	
20,000 PSI	N/A

Data sheet: 26X.34

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Process Gauges

Type 212.25

- **Black Aluminum Hinged-Ring Case**
- **Solid-Front Safety Case Design**
- **±0.5% of Span Accuracy**



WIKA's Type 212.25 4½" & 6" pressure gauges feature a solid-front aluminum case with a hinged ring for easy access to the adjustable pointer. These gauges are supplied with three threaded bolts in the back of the case which line up with existing standard panel bolt circles.

Standard Features

- **Nominal Case Size:** 4½" (115mm) & 6" (160mm)
- **Case Material:** Black painted aluminum with hinged ring cover
- **Wetted Parts:** Copper alloy
- **Window Type & Material:** Flat instrument glass
- **Removable Window:** Yes, hinged ring cover
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Hinged ring
- **Liquid Fillable Gauge:** No
- **Case-to-Socket O-ring Material:** N/A
- **“Other” Gaskets/O-ring Types & Materials:** Window gasket, silicone rubber
- **Pointer Material/Type:** Black aluminum- adjustable
- **Adjustable Pointer:** Yes, under hinged window ring
- **Accuracy:** ±0.5% of span ASME B40.100 Grade 2A
- **Connection Locations:** LBM (Lower Back Mount)
- **Media Operating Temperature:** Max. 150°F
- **Ambient Operating Temperature:** -40°F to 140°F

Available Options

- “Dampened Movement” Option: No
- U-Clamp Bracket: No (panel mount front flange standard)
- Front Flange: Yes, hinged ring design, standard
- Rear Flange: No
- Restrictor: Yes
- Safety Glass Window: Yes
- Instrument Glass Window (flat glass): Standard
- Drag Pointer (maximum reading indicator): No
- Cleaned for Use in Oxygen Service: Yes
- Panel Mount Kit: No
- Magnetic or Inductive Contact Switches: No
- Receiver Gauge Scales: Yes
- Special Connection: Limited to wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	212.25		
Connection	Hinged Ring / LBM		
Conn. Size	1/4" NPT	1/2" NPT	1/2" NPT
Size	4½"	4½"	6"
Press. Scale	PSI	PSI	PSI
30" Hg	4234970	4235223	4235976
30"-0-15 PSI	4234988	4235231	4235984
30"-0-30 PSI	4234996	4235240	4235992
30"-0-60 PSI	4235002	4235258	4236009
30"-0-100 PSI	4235011	4235266	4236017
30"-0-160 PSI	4235029	4235274	4236025
30"-0-200 PSI	4235037	4235282	4236033
15 PSI	4235045	4235291	4236041
30 PSI	4235053	4235304	4236050
60 PSI	4235061	4235312	4236068
100 PSI	4235070	4235321	4236076
160 PSI	4235088	4235339	4236084
200 PSI	4235096	4235347	4236092
300 PSI	4235100	4235355	4236106
400 PSI	4235118	4235363	4236114
600 PSI	4235126	4235371	4236122
800 PSI	4235134	4235331	4236131
1,000 PSI	4235142	4235399	4236149

Data sheet: 212.25

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Process Gauges

Type 232.25

- Black Aluminum Hinged Ring Case
- Solid Front Safety Case Design
- Stainless Steel Wetted Parts



WIKA Type 232.25 gauges have a glass covered hinged ring front with securing screws as standard. The adjustable pointer is easily accessed under the hinged ring front. Designed for panel mounting, the Type 232.25 gauge features 316 SS wetted parts and a one-piece aluminum solid-front safety case design. Well-suited for installations in process panel and control applications, Type 232.25 gauges meet ASME Grade 2A accuracy standards.

Standard Features

- **Nominal Case Size:** 4½" (115mm) & 6" (160mm)
- **Case Material:** Black painted aluminum with hinged ring cover
- **Wetted Parts:** 316SS
- **Window Type & Material:** Flat glass
- **Removable Window:** Yes, hinged ring cover
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Hinged ring
- **Liquid Fillable Gauge:** No
- **Case-to-Socket O-ring Material:** N/A
- **“Other” Gaskets/O-ring Types & Materials:** Window gasket, silicone rubber
- **Pointer Material/Type:** Black aluminum- adjustable
- **Adjustable Pointer:** Yes, under hinged ring window
- **Accuracy:** ±0.5% of span ASME B40.100 Grade 2A
- **Connection Locations:** LBM (Lower Back Mount)
- **Media Operating Temperature:** Max. 212°F
- **Ambient Operating Temperature:** -40°F to 140°F

Available Options

- “Dampened Movement” Option: No
- U-Clamp Bracket: No (panel mount front flange standard)
- Front Flange: Yes, standard
- Rear Flange: No
- Restrictor: Yes
- Safety Glass Window: Yes
- Instrument Glass Window (flat glass): Standard
- Drag Pointer (maximum reading indicator): No
- Cleaned for Use in Oxygen Service: Yes
- Panel Mount Kit: No
- Magnetic or Inductive Contact Switches: No
- Receiver Gauge Scales: Yes
- Special Connection: Limited to wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	232.25		
Connection	Hinged Ring / LBM		
Conn. Size	1/4" NPT	1/2" NPT	1/2" NPT
Size	4 ½"	4 ½"	6"
Press. Scale	PSI	PSI	PSI
30" Hg	4235470	4235721	4236220
30"-0-15 PSI	4235488	4235739	4236238
30"-0-30 PSI	4235496	4235747	4236246
30"-0-60 PSI	4235509	4235755	4236254
30"-0-100 PSI	4235517	4235763	4236262
30"-0-160 PSI	4235525	4235771	4236271
30"-0-200 PSI	4235533	4235780	4236280
15 PSI	4235541	4235798	4236298
30 PSI	4235551	4235801	4236301
60 PSI	4235569	4235810	4236319
100 PSI	4235577	4235828	4236327
160 PSI	4235585	4235836	4236335
200 PSI	4235593	4235844	4236343
300 PSI	4235606	4235852	4236351
400 PSI	4235614	4235861	4236361
600 PSI	4235622	4235879	4236379
800 PSI	4235631	4235887	4236387
1,000 PSI	4235640	4235895	4236395
1,500 PSI	4235658	4235909	4236408
2,000 PSI	4235666	4235917	4236416
3,000 PSI	4235674	4235925	4236424
5,000 PSI	4235682	4235933	4236432
10,000 PSI	4235691	4235941	4236441
15,000 PSI	4235703	4235950	4236450
20,000 PSI	4235711	4235968	4236468

Data sheet: 232.25

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.