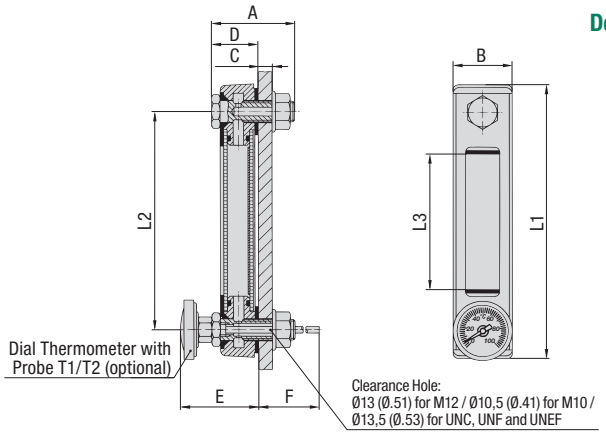
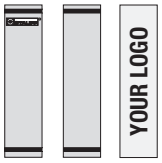
A

Level Gauge Type SNA





Design of Scale Plates



Thermometer Options

Capillary Tube Thermometer
with a dual Celsius / Fahrenheit scale up to +80 °C / +180 °F



Characteristics

Visual fluid level indication in hydraulic reservoirs with maximum tank pressures not exceeding 2 bar / 29 PSI

Nominal Sizes and Designs

- 7 nominal sizes from 76 mm / 2.99 in to 381 mm / 15.00 in
- Display either undivided (SNA-076 ... 176) or subdivided by strut(s) into 2 (SNA-254) or 3 sections (SNA-305 and SNA-381)

Please see page 15 for alternative nominal sizes and designs.

Media Compatibility

- Suitable for use with mineral and petroleum based hydraulic fluids (HL and HLP)

Materials

- Housing made of Steel St 12, black powder-coated
- Sight tube and plugs made of Polyamide (PA)
- Seals made of NBR (Buna-N®)
- Scale plate made of PVC

For the individual components of the level gauge (sight glass, housing, Seals, bolts), alternative materials for improved UV or chemical resistance, low-temperature applications down to -50°C / -58 °F and use with special media (such as bio-degradable fluids, diesel oils, gasolines) are available on request.

Technical Data

- IP 65 protection rating: Dust tight and protected against water jets
- Operating temperature range: -30 °C ... +80 °C / -22 °F ... +176 °F
- Recommended tightening torque: 8 N·m / 5.9 ft·lb

Accessories / Options

- Red / blue capillary tube thermometers with a temperature display range of up to +80 °C / +180 °F
- Dial thermometers with probe and a Celsius or a dual Celsius / Fahrenheit scale with a temperature display range of up to +100 °C / +200 °F
- Thermo Switches
- Temperature Sensors
- Floating Ball
- Deutsch Adaptor Cable

Please see pages 18 / 19 / 20 for details.

Dimensions

Maximum admissible tolerance for the bolt center spacing (dimension L2) according to DIN ISO 2768-f: ±0,20 mm / .008 in for all nominal sizes.

Nominal Size	Dimensions (mm/in)									
	A	B	C (Max.)	D	E	F (with T1)	F (with T2)	L1	L2	L3
SNA-076	45	34,5	8	28	43,5	165,5	265,5	108	76	31
	1.77	1.36	.32	1.10	1.71	6.52	10.45	4.25	2.99	1.22
SNA-127	45	34,5	8	28	43,5	165,5	265,5	159	127	76
	1.77	1.36	.32	1.10	1.71	6.52	10.45	6.26	5.00	2.99
SNA-150	45	34,5	8	28	43,5	165,5	265,5	182	150	99
	1.77	1.36	.32	1.10	1.71	6.52	10.45	7.17	5.91	3.90
SNA-176	45	34,5	8	28	43,5	165,5	265,5	208	176	124
	1.77	1.36	.32	1.10	1.71	6.52	10.45	8.19	6.93	4.88
SNA-254	45	34,5	8	28	43,5	165,5	265,5	286	254	192
	1.77	1.36	.32	1.10	1.71	6.52	10.45	11.26	10.00	7.56
SNA-305	45	34,5	8	28	43,5	165,5	265,5	337	305	244
	1.77	1.36	.32	1.10	1.71	6.52	10.45	13.27	12.00	9.61
SNA-381	45	34,5	8	28	43,5	165,5	265,5	413	381	319
	1.77	1.36	.32	1.10	1.71	6.52	10.45	16	15	12.56

Order Codes

SNA - 127 - B - S - O - 12 - O - 60

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Type

Level Gauge with visual fluid level indication	**SNA**

② Nominal Size

SNA-076 (nominal size of 76 mm / 2.99 in)	**076**
SNA-127 (nominal size of 127 mm / 5.00 in)	**127**
SNA-150 (nominal size of 150 mm / 5.91 in)	**150**
SNA-176 (nominal size of 176 mm / 6.93 in)	**176**
SNA-254 (nominal size of 254 mm / 10.00 in)	**254**
SNA-305 (nominal size of 305 mm / 12.00 in)	**305**
SNA-381 (nominal size of 381 mm / 15.00 in)	**381**

Please see page 15 for alternative nominal sizes.

③ Sealing Material

NBR (Buna-N®) (standard option)	**B**
FKM (Viton®)	**V**

④ Design of Scale Plate

With STAUFF logo (standard option)	**S**
Neutral design without any logo	**N**
Custom-designed scale plate (please specify)	**X**

⑤ Thermometer Option

Supplied without thermometer (standard option)	**O**
Red Capillary Tube thermometer on scale plate	**T**
Blue Capillary Tube thermometer on scale plate	**TB**
Dial thermometer with probe (200 mm / 7.87 in) and a Celsius scale up to 100 °C	**T1C**
Dial thermometer with probe (300 mm / 11.81 in) and a Celsius scale up to 100 °C	**T2C**
Dial thermometer with probe (200 mm / 7.87 in) and a dual scale up to 100 °C / 200 °F	**T1CF**
Dial thermometer with probe (300 mm / 11.81 in) and a dual scale up to 100 °C / 200 °F	**T2CF**

⑥ Banjo Bolt Size

Metric ISO thread M12 (standard option)	**12**
Metric ISO thread M10	**10**
Unified coarse thread 1/2–13 UNC	**U1**
Unified fine thread 1/2–20 UNF	**U2**
Unified extra-fine thread 1/2–28 UNEF	**U3**

⑦ Thermo Switch / Temperature Sensor / Anti-Drain Valve Option

Supplied without Thermo Switch / Temperature Sensor / Anti-Drain Valve	**-**
Thermo Switch TS-SNA/SNK; Break contact (normally closed); Equipped with standard connector	**O**
Thermo Switch TS-SNA/SNK; Break contact (normally closed); Equipped with connector M12	**OD**
Thermo Switch TS-SNA/SNK; Make contact (normally open); Equipped with standard connector	**C**
Thermo Switch TS-SNA/SNK; Make contact (normally open); Equipped with connector M12	**CD**
Temperature Sensor TS-SNA/SNK-PT100; Equipped with connector M12	**PT100**
Anti-Drain Valve Set A	**DA**
Anti-Drain Valve Set B	**DB**

Thermo Switches / Temperature Sensors only available for banjo bolt size M12. Please see pages 18 to 20 for details.

⑧ Switching Temperature

Contact switches at +60 °C / +140 °F	**60**
Contact switches at +70 °C / +158 °F	**70**
Contact switches at +80 °C / +176 °F	**80**
Contact switches at +90 °C / +194 °F	**90**

Only to be indicated when using a Thermo Switch.

Options T1C/CF and T2C/CF are not available for banjo bolt size M10 and not be used in conjunction with Thermo Switches or Temperature Sensors.
Please see page 18 for details.

Dimensional drawings: All dimensions in mm (in).

Level Gauge (Special Options) Type SNA/SNK

Characteristics

Visual fluid level indication in hydraulic reservoirs with maximum tank pressures not exceeding 2 bar / 29 PSI; ideal for custom applications in terms of reservoir capacities and dimensions

Nominal Sizes

- Special sizes beyond the normal of 305 mm / 12 in up to a maximum nominal size of 950 mm / 37.4 in – even for small and medium quantities
- High-precision manufacturing within 1 mm tolerance to customer requirements

Design

- Robust design thanks to one or more struts that subdivide the display into 2 or more sections
- Positioning of the strut(s) based on engineering considerations and/or according to particular customer requirements
- Precise visual indication of the fluid level by use of scale plates (only available for nominal sizes smaller than 670 mm / 26.4 in) or by use of a coloured Floating Ball (recommended option for nominal sizes larger than 670 mm / 26.4 in)
- Plastic dampening clips to reduce vibration of the sight tube are used for nominal sizes larger than 450 mm / 17.7 in

Materials

Depending on the specific application, several different materials are available for the individual components of the level gauge (sight glass, housing, Seals, bolts); please see Inquiry Checklist for details.

STAUFF is always at your service if you need support in choosing the right materials or material combination for improved UV or chemical resistance or for low-temperature applications down to -50°C / -58 °F and use with special media (such as bio-degradable fluids, diesel oils, gasolines).

Accessories / Options

- Red / blue capillary tube thermometers with a temperature display range of up to +80 °C / +180 °F
- Dial thermometers with probe and a Celsius or a dual Celsius / Fahrenheit scale with a temperature display range of up to +100 °C / +200 °F
- Thermo switches
- Temperature sensors
- Anti-Drain Valve
- Deutsch Adaptor Cable

Please see pages 18 / 19 / 20 for details.

Inquiry Checklist

In case that you require a special property or custom-designed level gauge, please use this checklist to provide us with details. If necessary, please also include further details, like the Type of fluid in use, its temperature and viscosity.

Nominal Size _____ Bolt centre distance (in mm)

Housing Material ☐ Aluminium ☐ Steel ☐ Stainless Steel

Housing Design ☐ Regular housing design with positioning of strut(s) based on engineering considerations

Please provide additional details / drawing for custom housing designs.

Banjo Bolt Size ☐ M12 ☐ M10 ☐ 1/2–13 UNC ☐ 1/2–20 UNF ☐ 1/2–28 UNEF

Banjo Bolt Material ☐ Steel ☐ Stainless Steel

Sealing Material ☐ NBR (Buna-N®) ☐ FKM (Viton®) ☐ EPDM

Alternative sealing materials to be defined separately.

Level Indication ☐ Scale plate (only for nominal sizes smaller than 670 mm / 26.4 in)

- ☐ Scale plate made of PVC
- ☐ Scale plate made of Aluminium
- ☐ With STAUFF logo
- ☐ Neutral design without any logo
- ☐ Custom-design (please specify)

- ☐ Without thermometer on scale plate
- ☐ Capillary tube thermometer with dual Celsius / Fahrenheit scale up to +80 °C / +180 °F

☐ Floating Ball (recommended option for nominal sizes larger than 670 mm / 26.4 in)

Other Types of level indication (magnetic floats, etc.) to be defined separately.

Options ☐ Dial thermometer with probe

- ☐ Celsius scale up to +100 °C
- ☐ Dual scale up to +100 °C / +200 °F
- ☐ Length of probe: 200 mm / 7.87 in
- ☐ Length of probe: 300 mm / 11.81 in

☐ Thermo Switch TS-SNA/SNK

- ☐ Break contact; Standard connector
- ☐ Break contact; Connector M12
- ☐ Make contact; Standard connector
- ☐ Make contact; Connector M12
- ☐ Contact switches at +60 °C / +140 °F
- ☐ Contact switches at +70 °C / +158 °F
- ☐ Contact switches at +80 °C / +176 °F
- ☐ Contact switches at +90 °C / +194 °F

☐ Temperature Sensor TS-SNA/SNK-PT100 ☐ Deutsch Adaptor Cable

☐ Anti-Drain Valve ☐ Set A ☐ Set B



Also available:

Level Gauges ▪ Type SNK in Special Lengths

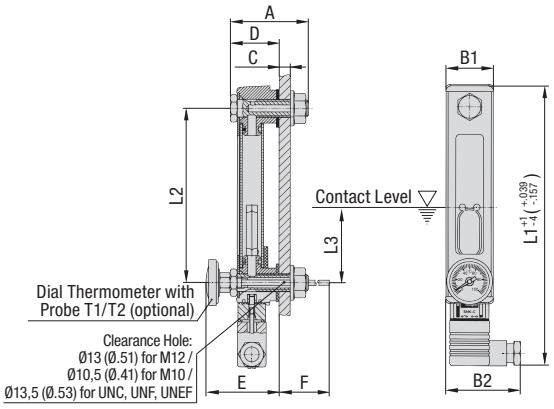
Visual / electrical fluid level indication in hydraulic reservoirs with level gauges up to a maximum nominal size of 950 mm / 37.4 in.

Please do not hesitate to contact STAUFF for further details.

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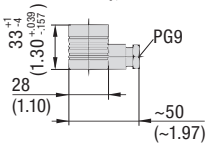
Level Gauge
Type SNK

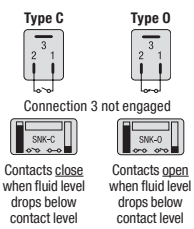




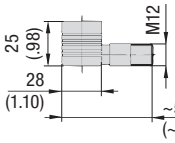
Connection Details and Electrical Functions

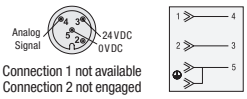
Types C and O: Industrial standard connector (contact gap: 11 mm / .43 in), similar to DIN EN 175301-803-B / ISO 6952





Types CD and OD: Five-pin circular connector M12, A-coded, according to IEC 61076-2-101





Characteristics

Visual / electrical fluid level indication in hydraulic reservoirs with maximum tank pressures not exceeding 2 bar / 29 PSI

Nominal Sizes and Designs
- 6 nominal sizes from 127 mm / 5.00 in to 381 mm / 15.00 in
- Display either undivided (SNK-127 ... 176) or subdivided by strut(s) into 2 (SNK-254) or 3 sections (SNK-305 and SNK-381)

Media Compatibility
- Suitable for use with mineral and petroleum based hydraulic fluids (HL and HLP)

Materials
- Housing made of Aluminium, black powder-coated
- Sight tube and plugs made of Polyamide (PA)
- Float made of Polyamide (PA)
- Seals made of FKM (Viton®)

For the individual components of the level gauge (sight glass, housing, Seals, bolts), alternative materials for improved UV or chemical resistance, low-temperature applications down to -50 °C / -58 °F and use with special media (such as bio-degradable fluids, diesel oils, gasolines) are available on request.

Electrical Specifications
- Magnetic float activates switch when fluid level drops below contact level within 60 mm / 2.36 in of lower banjo bolt
- Available as a break contact (normally closed) or make contact (normally open)
- Either equipped with industrial standard connector (Types C / O) or five-pin circular connector M12 (Types CD / OD)
- Direction of the electrical contact box (right / left) can be chosen when assembling the electrical contacts (Types C / D) or is right by default (Types CD / OD)
- Contact ratings: max. 10 W (Types C / CD) or 5 W (Types O / OD)
- Switching voltage: max. 50 VAC/DC
- Switching current: max. 0,25 A

Technical Data
- IP 65 protection rating: Dust tight and protected against water jets (IP 67 on request)
- Operating temperature range: -30 °C ... +80 °C / -22 °F ... +176 °F
- Recommended tightening torque: 8 N·m / 5.9 ft·lb
- Minimum lateral distance to other magnetic components and cables: 10 mm / .39 in

Accessories / Options
- Dial thermometers with probe and a Celsius or a dual Celsius / Fahrenheit scale with a temperature display range of up to +100 °C / +200 °F
- Thermo Switches
- Temperature Sensors
- Deutsch Adaptor Cable

Please see pages 18 / 19 / 20 for details.

Dimensional drawings: All dimensions in mm (in).

Dimensions

Table shows dimension L1 for the version with industrial standard connector (Types C and O) only.
Maximum admissible tolerance for the bolt center spacing (dimension L2) according to DIN ISO 2768-f: ±0,20 mm / .008 in for all nominal sizes.

Nominal Size	Dimensions (mm/in)										
	A	B1	B2	C (Max.)	D	E	F (with T1)	F (with T2)	L1	L2	L3
SNK-127	56	34,5	~50	8	35,1	51,5	157,5	257,5	205	127	~60
	2.20	1.36	~1.97	.32	1.26	2.03	6.20	10.14	8.07	5.00	~2.36
SNK-150	56	34,5	~50	8	35,1	51,5	157,5	257,5	228	150	~60
	2.20	1.36	~1.97	.32	1.26	2.03	6.20	10.14	8.98	5.91	~2.36
SNK-176	56	34,5	~50	8	35,1	51,5	157,5	257,5	254	176	~60
	2.20	1.36	~1.97	.32	1.26	2.03	6.20	10.14	10.00	6.93	~2.36
SNK-254	56	34,5	~50	8	35,1	51,5	157,5	257,5	332	254	~60
	2.20	1.36	~1.97	.32	1.26	2.03	6.20	10.14	13.07	10.00	~2.36
SNK-305	56	34,5	~50	8	35,1	51,5	157,5	257,5	383	305	~60
	2.20	1.36	~1.97	.32	1.26	2.03	6.20	10.14	15.08	12.00	~2.36
SNK-381	56	34,5	~50	8	35,1	51,5	157,5	257,5	459	381	~60
	2.20	1.36	~1.97	.32	1.26	2.03	6.20	10.14	18.07	15	~2.36

Order Codes

SNK - 127 - V - C - O - 12 - O - 60

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Type

Level Gauge with visual / electrical fluid level indication	SNK

② Nominal Size

SNK-127 (nominal size of 127 mm / 5.00 in)	127
SNK-150 (nominal size of 150 mm / 5.91 in)	150
SNK-176 (nominal size of 176 mm / 6.93 in)	176
SNK-254 (nominal size of 254 mm / 10.00 in)	254
SNK-305 (nominal size of 305 mm / 12.00 in)	305
SNK-381 (nominal size of 381 mm / 15.00 in)	381

Contact STAUFF for alternative nominal sizes and designs.

③ Sealing Material

FKM (Viton®)	V

④ Electrical Function

Break contact, opens at contact level (normally closed); Equipped with standard connector	O
Break contact, opens at contact level (normally closed); Equipped with connector M12	OD
Make contact, closes at contact level (normally open); Equipped with standard connector	C
Make contact, closes at contact level (normally open); Equipped with connector M12	CD

⑤ Thermometer Option

Supplied without thermometer (standard option)	O
Dial thermometer with probe (200 mm / 7.87 in) and a Celsius scale up to 100 °C	T1C
Dial thermometer with probe (300 mm / 11.81 in) and a Celsius scale up to 100 °C	T2C
Dial thermometer with probe (200 mm / 7.87 in) and a dual scale up to 100 °C / 200 °F	T1CF
Dial thermometer with probe (300 mm / 11.81 in) and a dual scale up to 100 °C / 200 °F	T2CF

⑥ Banjo Bolt Size

Metric ISO thread M12 (standard option)	12
Metric ISO thread M10	10
Unified coarse thread 1/2–13 UNC	U1
Unified fine thread 1/2–20 UNF	U2
Unified extra-fine thread 1/2–28 UNEF	U3

⑦ Thermo Switch / Temperature Sensor / Anti-Drain Valve Option

Supplied without Thermo Switch / Temperature Sensor / Anti-Drain Valve	-
Thermo Switch TS-SNA/SNK; Break contact (normally closed); Equipped with standard connector	O
Thermo Switch TS-SNA/SNK; Break contact (normally closed); Equipped with connector M12	OD
Thermo Switch TS-SNA/SNK; Make contact (normally open); Equipped with standard connector	C
Thermo Switch TS-SNA/SNK; Make contact (normally open); Equipped with connector M12	CD
Temperature Sensor TS-SNA/SNK-PT100; Equipped with connector M12	PT100
Anti-Drain Valve Set A	DA
Anti-Drain Valve Set B	DB

Thermo Switches / Temperature Sensors only available for banjo bolt size M12. Please see pages 18 to 20 for details.

⑧ Switching Temperature

Contact switches at +60 °C / +140 °F	60
Contact switches at +70 °C / +158 °F	70
Contact switches at +80 °C / +176 °F	80
Contact switches at +90 °C / +194 °F	90

Only to be indicated when using a Thermo Switch.

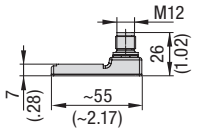
Options T1C/CF and T2C/CF are not available for banjo bolt size M10 and not be used in conjunction with Thermo Switches or Temperature Sensors.
Please see page 18 for details.

A

Level Gauge (Compact Design) Type SNKK

Connection Details and Electrical Functions

Type DD: Five-pin circular connector M12, A-coded, according to IEC 61076-2-101





1 Contact opens and 1 contact closes when fluid level drops below contact level

Pin assignment at empty reservoir (default setting at point of delivery)





–40 mm / –1.57 in in comparison with Level Gauges SNK

Dimensions

Maximum admissible tolerance for the bolt center spacing (dimension L2) according to DIN ISO 2768-f: ±0,20 mm / .008 in for all nominal sizes.

Nominal Size	Dimensions (mm/in)										
	A	B1	B2	C (Max.)	D	E	F (with T1)	F (with T2)	L1	L2	L3
SNKK-127	56	34,5	~55	8	35,1	51,5	157,5	257,5	165	127	~60
	2.20	1.36	~2.17	.32	1.26	2.03	6.20	10.14	6.50	5.00	~2.36
SNKK-150	56	34,5	~50	8	35,1	51,5	157,5	257,5	188	150	~60
	2.20	1.36	~1.97	.32	1.26	2.03	6.20	10.14	8.98	5.91	~2.36
SNKK-176	56	34,5	~55	8	35,1	51,5	157,5	257,5	214	176	~60
	2.20	1.36	~2.17	.32	1.26	2.03	6.20	10.14	8.43	6.93	~2.36
SNKK-254	56	34,5	~55	8	35,1	51,5	157,5	257,5	292	254	~60
	2.20	1.36	~2.17	.32	1.26	2.03	6.20	10.14	11.50	10.00	~2.36
SNKK-305	56	34,5	~55	8	35,1	51,5	157,5	257,5	343	305	~60
	2.20	1.36	~2.17	.32	1.26	2.03	6.20	10.14	13.50	12.00	~2.36
SNKK-381	56	34,5	~55	8	35,1	51,5	157,5	257,5	419	381	~60
	2.20	1.36	~2.17	.32	1.26	2.03	6.20	10.14	18.07	15	~2.36

Order Codes

SNKK - 127 - V - DD - O - 12 - O - 60

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Type

Level Gauge with visual / electrical fluid level indication (compact design)	**SNKK**

② Nominal Size

SNKK-127 (nominal size of 127 mm / 5.00 in)	**127**
SNKK-150 (nominal size of 150 mm / 5.91 in)	**150**
SNKK-176 (nominal size of 176 mm / 6.93 in)	**176**
SNKK-254 (nominal size of 254 mm / 10.00 in)	**254**
SNKK-305 (nominal size of 305 mm / 12.00 in)	**305**
SNKK-381 (nominal size of 381 mm / 15.00 in)	**381**

Contact STAUFF for alternative nominal sizes and designs.

③ Sealing Material

FKM (Viton®)	**V**

④ Electrical Function

SPDT (Single Pole Double Throw) contacts, 1 contact opens and 1 contact closes at contact level; Equipped with connector M12	**DD**

⑤ Thermometer Option

Supplied without thermometer (standard option)	**O**
Dial thermometer with probe (200 mm / 7.87 in) and a Celsius scale up to 100 °C	**T1C**
Dial thermometer with probe (300 mm / 11.81 in) and a Celsius scale up to 100 °C	**T2C**
Dial thermometer with probe (200 mm / 7.87 in) and a dual scale up to 100 °C / 200 °F	**T1CF**
Dial thermometer with probe (300 mm / 11.81 in) and a dual scale up to 100 °C / 200 °F	**T2CF**

⑥ Banjo Bolt Size

Metric ISO thread M12 (standard option)	**12**
Metric ISO thread M10	**10**
Unified coarse thread 1/2–13 UNC	**U1**
Unified fine thread 1/2–20 UNF	**U2**
Unified extra-fine thread 1/2–28 UNEF	**U3**

⑦ Thermo Switch / Temperature Sensor / Anti-Drain Valve Option

Supplied without Thermo Switch / Temperature Sensor / Anti-Drain Valve	**-**
Break Contact, opens at contact level (normally closed); Equipped with standard connector	**O**
Break Contact, opens at contact level (normally closed); Equipped with connector M12	**OD**
Make Contact, closes at contact level (normally open); Equipped with standard connector	**C**
Make Contact, closes at contact level (normally open); Equipped with connector M12	**CD**
Temperature Sensor TS-SNA/SNK-PT100; Equipped with connector M12	**PT100**
Anti-Drain Valve Set A	**DA**
Anti-Drain Valve Set B	**DB**

Thermo Switches / Temperature Sensors only available for banjo bolt size M12. Please see pages 18 to 20 for details.

⑧ Switching Temperature

Contact switches at +60 °C / +140 °F	**60**
Contact switches at +70 °C / +158 °F	**70**
Contact switches at +80 °C / +176 °F	**80**
Contact switches at +90 °C / +194 °F	**90**

Only to be indicated when using a Thermo Switch.

Options T1C/CF and T2C/CF are not available for banjo bolt size M10 and not be used in conjunction with Thermo Switches or Temperature Sensors.
Please see page 18 for details.

Characteristics

Visual / electrical fluid level indication in hydraulic reservoirs with maximum tank pressures not exceeding 2 bar / 29 PSI; ideal for applications in which space is limited

Nominal Sizes and Designs

- 6 nominal sizes from 127 mm / 5.00 in to 381 mm / 15.00 in
- Compact design allows space-saving installation: Always 40 mm / 1.57 in shorter than Level Gauges SNK of the comparable nominal size
- Display either undivided (SNKK-127 ... 176) or subdivided by strut(s) into 2 (SNKK-254) or 3 sections (SNKK-305 and SNKK-381)

Media Compatibility

- Suitable for use with Mineral and Petroleum based hydraulic fluids (HL and HLP)

Materials

- Housing made of Aluminium, black powder-coated
- Sight tube and plugs made of Polyamide (PA)
- Float made of Polypropylene (PP)
- Seals made of FKM (Viton®)

For the individual components of the level gauge (sight glass, housing, Seals, bolts), alternative materials for improved UV or chemical resistance, low-temperature applications down to -50°C / -58 °F and use with special media (such as bio-degradable fluids, diesel oils, gasolines) are available on request.

Electrical Specifications

- Magnetic float activates switch when fluid level drops below contact level within 60 mm / 2.36 in of lower banjo bolt
- Available as a SPDT (Single Pole Double Throw) contact
- Equipped with five-pin circular connector M12 or Deutsch connector
- Direction of the electrical contact box is right to top by default

Technical Data

- IP 67 protection rating: Dust tight and protected against powerful water jets; even immersion (up to 1 m / 3.28 ft) in water is possible under defined conditions of pressure and time (IP 69K on request)
- Operating temperature range: -30 °C ... +80 °C / -22 °F ... +176 °F
- Recommended tightening torque: 8 N·m / 5.9 ft·lb
- Minimum lateral distance to other magnetic components and cables: 10 mm / .39 in

Accessories / Options

- Dial thermometers with probe and a Celsius or a dual Celsius / Fahrenheit scale with a temperature display range of up to +100 °C / +200 °F
- Thermo Switches
- Temperature Sensors
- Deutsch Adaptor Cable

Please see pages 18 / 19 / 20 for details.

Dimensional drawings: All dimensions in mm (in).