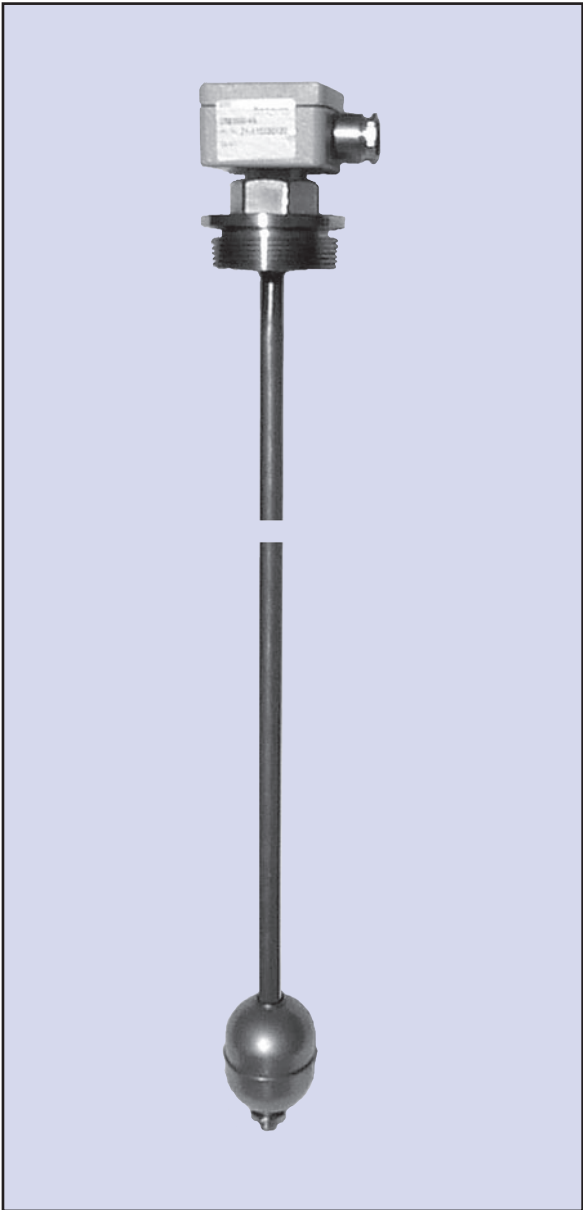


Type USE 3000

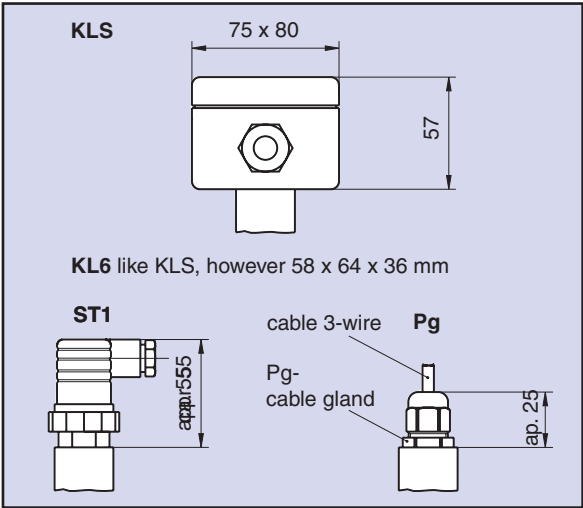
USE 3000 - Level Sensor
up to 3000 mm Length



Technical Data

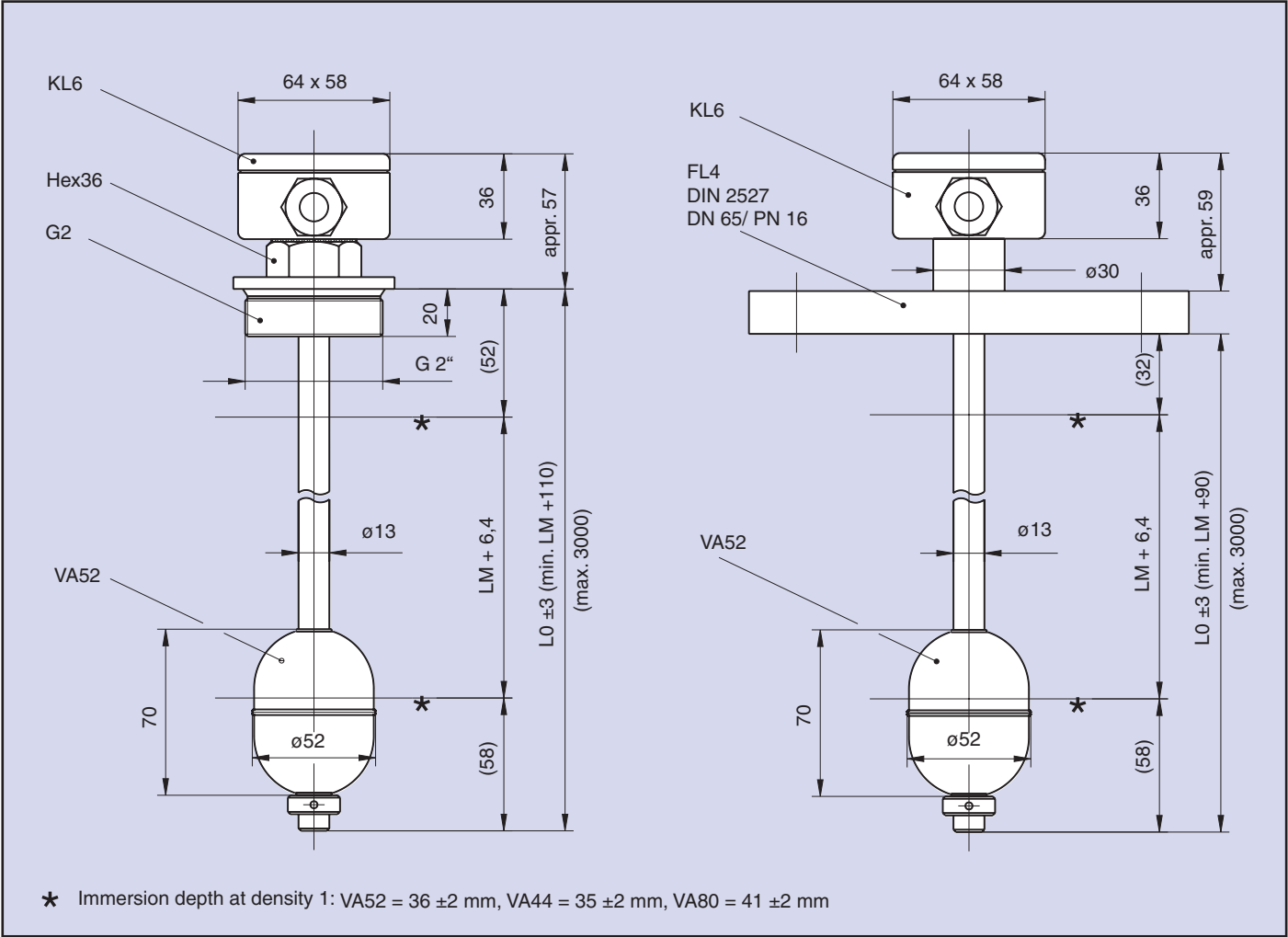
Max. Length L ₀	: 3000 mm
Materials	: Stainless steel (1.4571, 1.4404), brass, other material on request
Mounting Element	: Stainless steel (1.4571, 1.4404), tank screw or flange
Stem	: Stainless steel (1.4571), brass, ø = 13 x 1 mm
Float	: Stainless steel (1.4571) - VA44, ø = 44 mm, oval min. media density = 0,9 g/cm ³ max. pressure = 25 bar - VA52, ø = 52 mm, oval min. media density = 0,74 g/cm ³ max. pressure = 25 bar - VA80, ø = 82 mm, ball min. media density = 0,5 g/cm ³ max. pressure = 16 bar
Electrical Connection	: ST1 - Cube plug DIN43650 (3-pin + earth) PG - Cable gland PG 13,5 incl. 1,5 m cable KL6 - Aluminum terminal box (58 x 64 x 36 mm, 3 terminals) KLS - Aluminum terminal box incl. transducer MU3L (75 x 80 x 57 mm)
Protection Class	: ST1, KL6, KLS = IP65, PG = IP67
Temperature Ranges	: -10 °C... + 90 °C -50 °C...+150 °C HT - high temperature only with KL6 or silicone cable possible
Total Resistance	: 0...100 kOhm
Power Supply	: 8 ... 35 V DC with transducer, max. 24 V DC without transducer
Type of Screen	: R12 = screen 12,7 mm (1/2") accuracy ±6,4 mm appr. 0,2% at 3000 mm measuring length
Wiring	: 3-wire, length up to 5000 mm depending on cable diameter
Options	: DR - slosh tube, Pt100-element, thermo reed, HT - isolation, interfacial level indication

Electrical Connections



Type USE 3000

Dimensions (in mm)



Order number example

Type	Series	Material	Mounting Element	Electrical Connection	Float Type	Screen	Meas. Length LM	Options
USE	3000	VA	G2	KL6	VA52	R12	2000	-

Your order number

USE	3000							
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Material	Mounting Element	Electrical Connection	Float Type	Screen	Meas. Length LM (in mm)	Options
(VA) Stainless steel 1.4571/ 1.4408	(G2) G 2 Tank screw	(ST1) Plug DIN 43650, 3-pin + PE (PG) Cable gland PG13,5, incl. 1,5 m cable	(VA52) Stainless steel float ø52 mm	(R12) Standard	xxxx (e. g.: 2 m = 2000)	(PT100) Integrated temperature measurement via Pt100-element
(MS) Brass	(FL4) DIN- flange, DN65/PN16, only VA	(KL6) Aluminum terminal box, 3 terminals (KLS) Aluminum terminal box incl. transducer MU3L	(VA44) Stainless steel float ø44 mm (VA80) Stainless steel float ø82 mm	(R08) Fine screen		(TR) Integrated temperature measurement via thermo reed (DR) Slosch tube (HT) HT-isolation (TM) Interfacial level indication