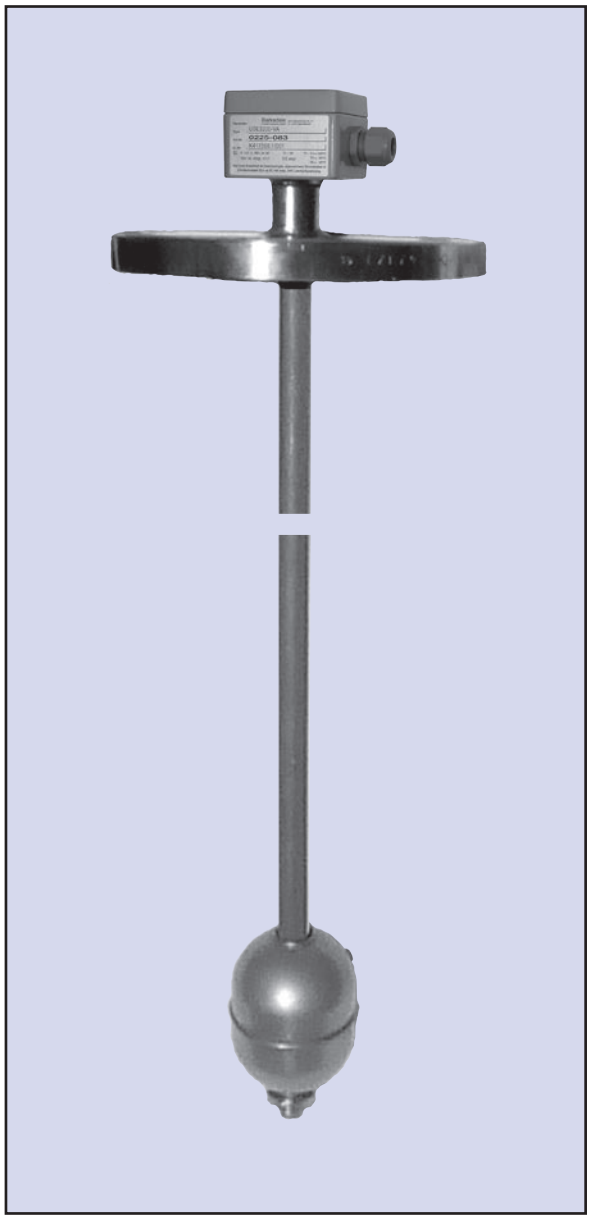
Type USE 3200

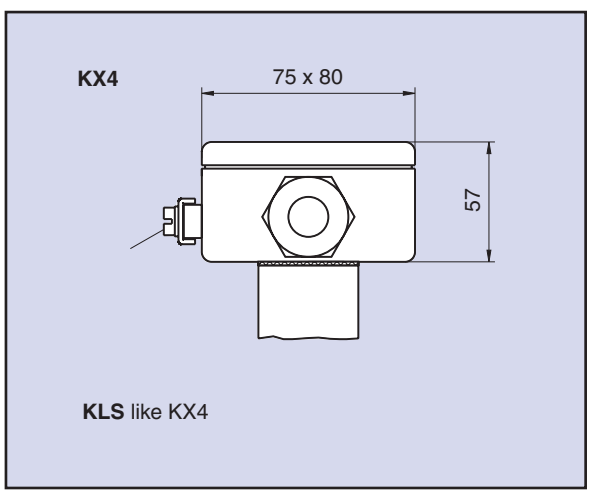
USE 3200 - Level Sensor for Applications in Category 1



Technical Data

Max. Length L_0	: 3000 mm
Materials	: Stainless steel (1.4571, 1.4408)
Mounting Element	: Stainless steel (1.4571, 1.4408), tank screw or flange
Stem	: Stainless steel (1.4571), ø = 13 x 1 mm
Float	: Stainless steel (1.4571) - VX44, ø = 44 mm, oval min. media density = 0,9 g/cm³ max. pressure = 25 bar - VX52, ø = 52 mm, oval min. media density = 0,73 g/cm³ max. pressure = 25 bar - VX80, ø = 82 mm, ball min. media density = 0,5 g/cm³ max. pressure = 16 bar
Electrical Connection	: KX4 - Aluminum terminal box (75 x 80 x 57 mm, 3 terminals) KLS - Aluminum terminal box incl. transducer MUEX (75 x 80 x 57 mm)
Protection Class	: KLX, KX4, KLS = IP65
Registration Mark	: KX4: ⟨Ex⟩ II 1 G Ex ia IIC T6...T1 Ga KLS: ⟨Ex⟩ II 1 G Ex ia IIC T6...T1 Ga II 1/2 G Ex ia IIC T6...T1 Ga/Gb II 2 G Ex ia IIC T6...T1 Gb
Certificate No.	: TÜV 19 ATEX 239657 X
Temperature Ranges	: T1...T4 to +100 °C T5 to +75 °C T6 to +60 °C
Temperaturbereiche with Transducer MUEX	: T1... T4 to +85 °C : T5... T6 to +60 °C
Total Resistance	: 10 kOhm ...100 kOhm
Power Supply	: 8 ... 24 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, interfacial level indication

Electrical Connections



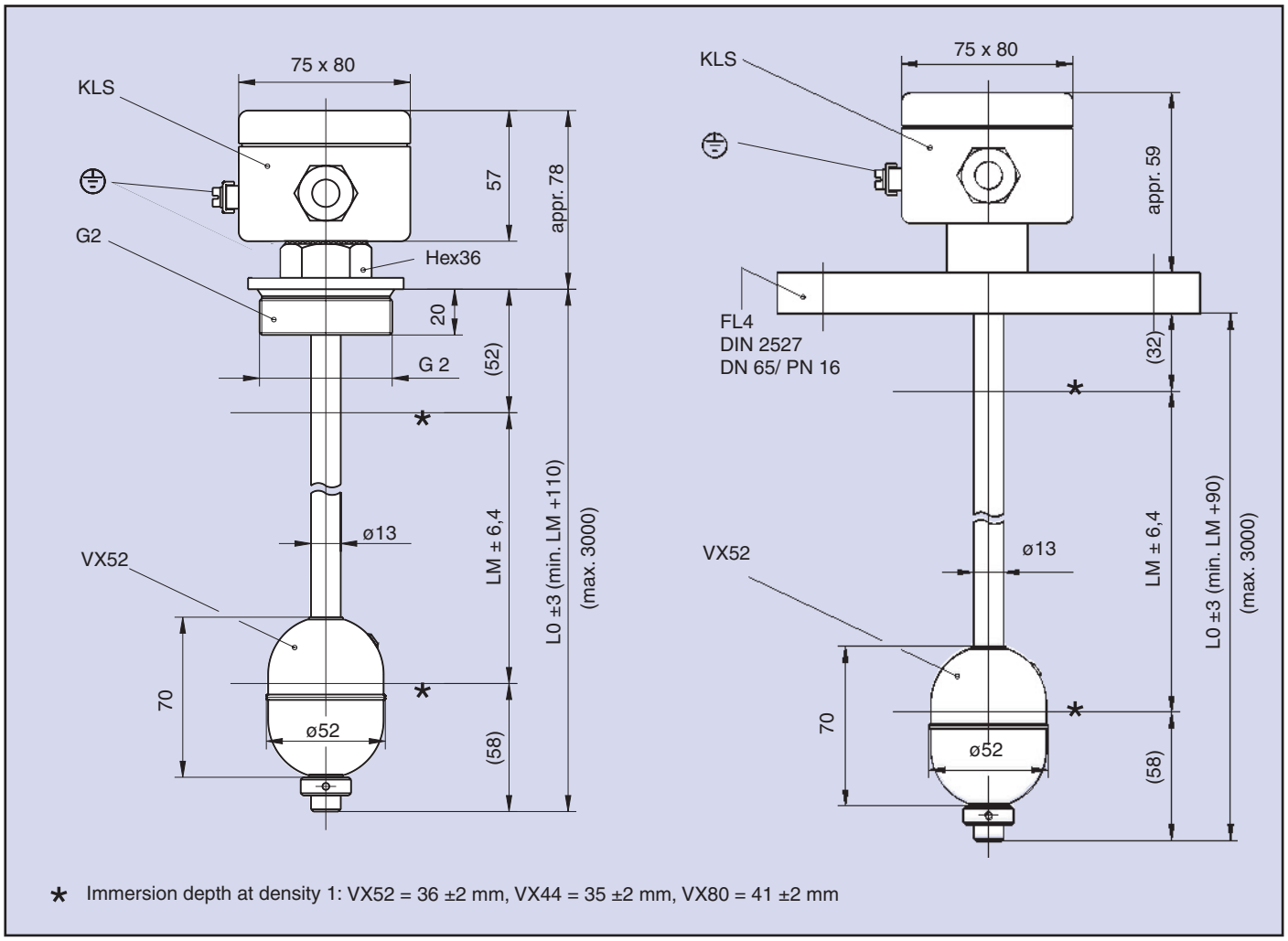
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Barksdale Tank Level Indicating Systems

Specifications are subject to changes without notice.

Type USE 3200

Dimensions (in mm)



* Immersion depth at density 1: VX52 = 36 ±2 mm, VX44 = 35 ±2 mm, VX80 = 41 ±2 mm

Order number example

Type	Series		Material		Mounting Element		Electrical Connection		Float Type		Screen		Meas. Length LM	Options
USE	3200	—	VA	/	FL4	—	KLS	—	VX52	—	R12	—	2000	-

Your order number

USE	3200	—		/		—		—		—		—		

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 (FL4) DIN- flange, DN65/PN16, only VA	(KX4) Aluminum terminal box, 3 terminals (KLS) Aluminum terminal box incl. transducer MUEX	(VX52) Stainless steel float, ø 52 mm (VX44) Stainless steel float, ø44 mm (VX80) Stainless steel float, ø82 mm	(R12) Standard	xxxx (e. g.: 2 m = 2000)	(DR) Slosh tube (TM) Interfacial level indication

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Barksdale Tank Level Indicating Systems
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