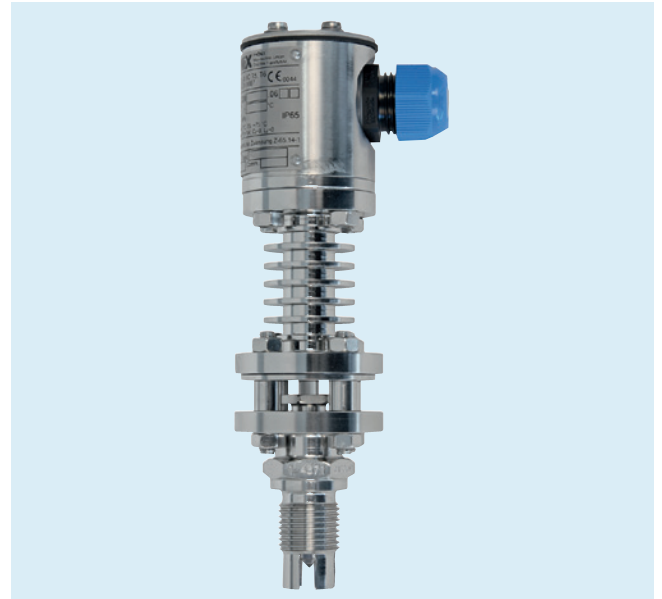


Applications

- Chemical, petrochemical, natural gas, offshore industries
- Shipbuilding, machine building, refrigerator units
- Power generating equipment, power plants
- Process water and drinking water treatment
- Wastewater and environmental engineering

Special features

- Temperature ranges from -269 ... +400 °C
- Versions for pressure ranges from vacuum to 500 bar
- Special versions: High pressure, interface measurement
- Explosion-protected versions
- Signal processing is made using a separate model OSA-S switching amplifier



There are no order numbers for this article. Please note the quick order code on page 2.

Quick order code (you can find further possible variants in data sheet LM 31.01)

Field no.	Code	Version
Approval		
①	11	Without approval
	21	Ex i
Measurement type		
②	1,300	Level measurement
	2,300	Interface layer
Switch point (ML)		
③	000	25 mm (only for standard version)
	003	35 mm (only for high-pressure version)
	005	50 mm (only for standard version)
	006	60 mm
	008	80 mm
	009	90 mm
	010	100 mm
	012	120 mm
	015	1,500 mm
	020	200 mm
	030	3,000 mm
	060	600 mm
	080	800 mm
Extension		
④	066	Without extension: Switch point - standard version 25 mm / high-pressure version 35 mm
	068	With extension: Switch point - standard version 50 - 960 mm / high-pressure version 60 - 960 mm
Temperature range		
⑤	0	Without cooling fin -65 ... +250 °C
	9	With cooling fin -269 ... +400 °C
Instrument version		
⑥	S	Standard version max. 250 bar at 50 °C (model OLS-S)
	H	High-pressure version max. 500 bar at 50 °C (model OLS-H)
Material		
⑦	1	Stainless steel 1.4571 (316Ti)
	5	Hastelloy C-276 (2.4819)
Glass		
⑧	K	Clad core glass
	Q	Fused quartz
	S	Sapphire

Field no.	Code	Version
Option: Sieve		
⑨	O	Without sieve
	S	With sieve
Process connection, nominal size		
⑩	G	Mounting thread G ½"
	N	Mounting thread NPT ½"
	EN	EN 1092 DN 20 – DN 50
	DIN	DIN DN 20 – DN 50
	ANSI	ANSI ½" – 2"
Process connection, pressure rating (only flange)		
⑪	16	PN 16 (DIN/EN)
	25	PN 25 (DIN/EN)
	40	PN 40 (DIN/EN)
	63	PN 63 (DIN/EN)
	100	PN 100 (DIN/EN)
	160	PN 160 (DIN/EN)
	250	PN 250 (DIN/EN)
	320	PN 320 (DIN/EN)
	400	PN 400 (DIN/EN)
	150	Class 150 (ANSI)
	300	Class 300 (ANSI)
	600	Class 600 (ANSI)
	900	Class 900 (ANSI)
1,500	Class 1,500 (ANSI)	
2,500	Class 2,500 (ANSI)	
Process connection, sealing face (only flange)		
⑫	C	Form C (DIN/EN)
	D	Form D (EN)
	E	Form E (EN)
	F	Form F (DIN)
	N	Form N (DIN)
	B1	Form B1 (EN)
	B2	Form B2 (EN)
	RF	Form RF (ANSI)
	RTJ	Form RTJ (ANSI)
	FF	Form FF (ANSI)

Order code: KSR-OPTO. ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ / ⑪ / ⑫

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