

Appendix

Cross Reference OLS-S/OLS-H

Replaced Type	Type
KSR-OPTO.06XX (KSR design)	OLS-S/OLS-H
LSO.06 (WIKA design)	OLS-S/OLS-H
720.06XX (Phönix design)	OLS-S/OLS-H

Type Code KSR-OPTO.06XX

Code

1	Basic type					
	KSR-OPTO.	Optoelectrical level switch				
2	Approval					
	11	None				
	21	Ex i				
3	Measuring type					
	1300	Level				
	2300	Interface				
4	Switching point (ML) in mm *					
	000	25	009	90	020	200
	005	50	010	100	030	300
	006	60	012	120	060	600
	008	80	015	150	080	800
5	Elongation					
	066	Standard - switching point 25 mm				
	068	With elongation - switching point 50 - 960 mm				
6	Temperature					
	0	Without dissipator -60...+250°C				
	9	With dissipator -269...+400°C				
7	Housing					
	S	Standard housing max. 250 bar / 50°C (type OLS-S)				
	H	Heavy housing max. 500 bar / 50°C (type OLS-H)				
8	Material *					
	1	Stainless steel 316Ti (DIN 1.4571)				
	5	Hastelloy C-276 (DIN 2.4819)				
9	Glass					
	K	Cladded core glass				
	Q	Quartz glass				
	S	Sapphire				
10	Option: sieve					
	O	Without sieve				
	S	With sieve				
11	Process connection					
		Size	Rating	Sealing face		
	G	Mounting thread G 1/2"				
	N	Mounting thread NPT 1/2"				
	EN./.../..	EN 1092 DN 20 - DN 50	PN 16 - PN 400	B1, B2, C, D, E		
	DIN./.../..	DIN DN 20 - DN 50	PN 16 - PN 400	C, F, N		
	ANSI./.../..	ANSI 1/2" - 2"	Class 150 - class 2500	RF, RTJ, FF		

* Further switching points on demand.

* Further materials on demand.

Ordering Example

	Basic type	Approval	Measuring type	Switching point in mm	Elongation	Temperature	Housing	Material	Glass	Sieve	Process connection	
Code	1	2	3	4	5	6	-	7	8	9	10	11
	KSR-OPTO.	21	1300	000	066	0	S	1	K	O	EN25/400/B1	

Cross Reference OSA-S

Replaced Type	Type
KSR-OPTO.250X (KSR design)	OSA-S
LSO.25 (WIKA design)	OSA-S
720.250X (Phönix design)	OSA-S

Type Code KSR-OPTO.250X

Code

1	Basic type
KSR-OPTO.250	Switching amplifier
2	Approval
1	None
2	Ex i
3	Power supply
1	230 VAC
2	115/120 VAC
3	24 VAC
4	24 VDC potential-free
7	24 VDC none-potential-free
4	Amplifier housing
1	Plastic housing (polycarbonate)
7	19" plug-in module

Ordering Example

	Basic type	Approval	Power supply	Amplifier housing
Code	1	2	3	4
	KSR-OPTO.250	1	4	7

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KSR KUEBLER Niveau-Messtechnik AG
Heinrich-Kuebler-Platz 1
69439 Zwingenberg/Germany
Tel. +49 6263 87-0
Fax +49 6263 8799
info@ksr-kuebler.com
www.ksr-kuebler.com