

# LMK 331



# Screw-In Transmitter

**Ceramic Sensor** 

accuracy according to IEC 61298-2: 0.5 % FSO

# Nominal pressure

from 0 ... 400 mbar up to 0 ... 60 bar

# **Output signals**

2-wire: 4 ... 20 mA 3-wire: 0 ... 20 mA / 0 ... 10 V others on request

# **Special characteristics**

- pressure port G 3/4" flush for pasty and impurity media
- pressure port PVDF for aggressive media

# **Optional versions**

- **IS-version** (only for 4 ... 20mA / 2-wire): Ex ia = intrinsically safe for gases and dusts
- SIL 2 application according to IEC 61508 / IEC 61511
- customer specific versions

The screw-in transmitter LMK 331 has been especially designed for level and process measurement and is suitable for pressure measurement of liquids, oils and gases. Usage in more viscous or polluted media is possible because of the semi-flush pressure sensor.

For the usage in aggressive media we recommended the version with PVDF pressure port. Additional features like e.g. an intrinsically safe version or a functionally safe version (SIL 2) complete the range of possibilities.

# Preferred areas of use are



Plant and machine engineering



Energy industry



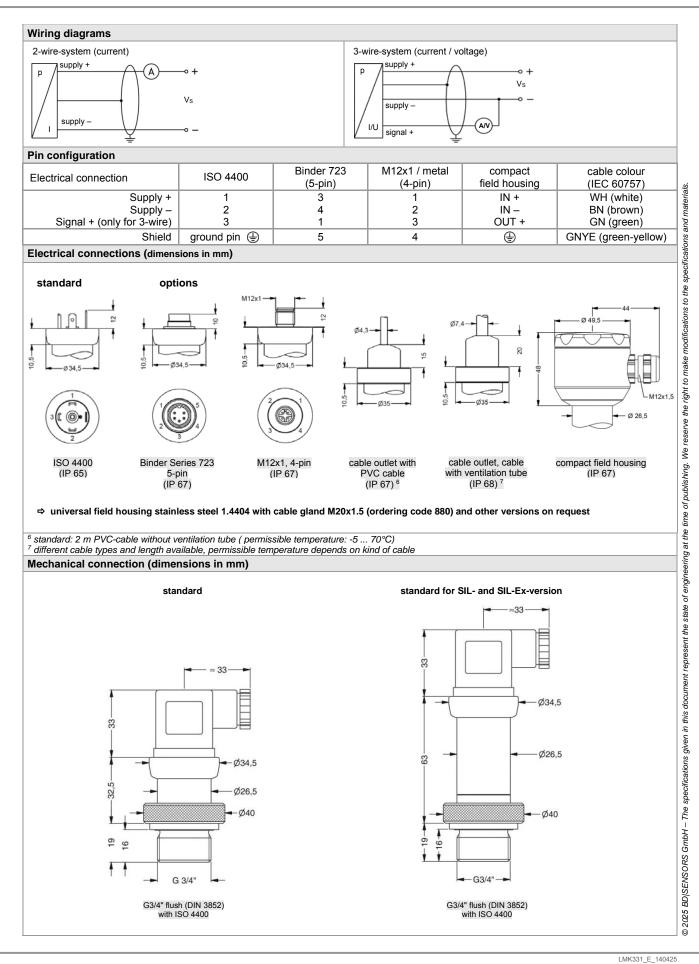
Environmental engineering (water - sewage - recycling)



Medical technology



Input pressure range							-					
	oar] 0.4	0.6	1	1.6	2.5	4	6	10	16	25	40 <sup>1</sup>	60 <sup>1</sup>
Level [mH		6	10	16	25	40	60	100	160	250	400	600
· · ·	bar] 1	2	2	4	4	10	20	20	40	40	100	200
Burst pressure [t	par] 2	4	4	5	7,5	12	25	30	50	50	120	250
Vacuum resistance [t		p <sub>N</sub> ≥ 1 bar: unlimited vacuum resistance										
<sup>1</sup> only possible with stainless steel		p <sub>N</sub> < 1 bar: on request ssure port										
Output signal / Supply												
Standard	2-wire	: 42	0 mA / `	V <sub>s</sub> = 8	32 V <sub>D</sub>		SIL-vers	sion: V <sub>s</sub> =	14 28	V <sub>DC</sub>		
Option IS-version <sup>2</sup>	2-wire				28 V <sub>D</sub>				14 28			
Options 3-wire	3-wire	: 02	0 mA / `	Vs = 14	30 V <sub>D</sub> 30 V <sub>D</sub>	c						
<sup>2</sup> IS-version not possible with plast	ic pressure po			•5 ••	00 10							
Performance												
Accuracy <sup>3</sup>	≤±0.	5 % FSO										
Permissible load	currer currer	current 2-wire: $R_{max} = [(V_S - V_{S min}) / 0.02 A] \Omega$ current 3-wire: $R_{max} = 500 \Omega$										
Influence effects		e 3-wire: /: 0.05 %	R <sub>min</sub> = FSO / 1 FSO / k	0 V								
Response time	2-wire	e: ≤ 10 ms e: ≤ 3 mse	sec	52								
Long term stability	≤ ± 0,	3 % FSO /	year at									
<sup>3</sup> accuracy according to IEC 61298					/steresis, I	repeatabil	lity)					
Thermal effects (Offset and S	Span) / Per	missible 1	Tempera	tures								
Thermal error	≤±0.2	2 % FSO /	10 K									
in compensated range	0 85											
Permissible temperatures <sup>4</sup>	mediu	m: -40 1	25 °C	el	ectronics	/ enviro	nment: -4	40 85 °	°C	storage:	-40 10	00 °C
<sup>4</sup> for pressure port in PVDF the me												
Electrical protection												
Short-circuit protection	perma	nent										
Reverse polarity protection		nage, but	also no f	unction								
Electromagnetic compatibility		on and im			a to FN 6	1326						
Mechanical stability	1			,	5							
Vibration	20 a F	MS / 10	2000 H	7 200	ordina to		1 60068-2	2-6				
Shock		/ 1 msec h					1 60068-2					
	500 g	1 msec m		au			00000-2	2-21				
Materials												
Pressure port / housing	standa			sta			)4 (316L)	st	ousing ainless st	eel 1.44	04 (316L	)
Pressure port / housing	option	s for $p_N \le 2$		sta PV	inless ste DF	el 1.440	. ,	st P	ainless st VDF			
	option	s for p <sub>N</sub> ≤ 2 ss steel 1.	4301 (30	sta PV	inless ste DF	el 1.440	. ,	st P	ainless st VDF			
Pressure port / housing Option compact field housing	option stainle	s for p <sub>N</sub> ≤ 2 ss steel 1. ard: FKI	4301 (30	sta PV	inless ste DF	el 1.440	. ,	st P nickel pl	ainless st VDF	nping rar		
Pressure port / housing Option compact field housing Seals Diaphragm	option stainle standa option	s for p <sub>N</sub> ≤ 2 ss steel 1. ard: FKI	4301 (30 M DM	sta PV	inless ste DF	el 1.440	. ,	st P nickel pl	ainless st VDF ated (clar	nping rar		
Pressure port / housing Option compact field housing Seals Diaphragm	option stainle standa option ceram	s for $p_N \le 2$ ss steel 1. ard: FKI s: EP	4301 (30 M DM 96 %	Sta PV 04); cat	inless ste DF	el 1.440	. ,	st P nickel pl	ainless st VDF ated (clar	nping rar		
Pressure port / housing Option compact field housing	option stainle standa option ceram pressu	s for $p_N \le 2$ ss steel 1. ard: FKI s: EP ics Al <sub>2</sub> O <sub>3</sub> 9 ire port, se	4301 (30 M DM 96 % eals, diap	Sta PV 04); cat	inless ste DF	el 1.440	. ,	st P nickel pl	ainless st VDF ated (clar	nping rar		
Pressure port / housing Option compact field housing Seals Diaphragm Media wetted parts Explosion protection (only for	option stainle standa option ceram pressu or 4 20 m	s for $p_N \le 2$ ss steel 1. ard: FKI s: EP ics Al <sub>2</sub> O <sub>3</sub> 9 ire port, se <b>A / 2-wire</b>	4301 (30 M DM 96 % eals, diap • <b>)</b>	ohragm	inless ste DF ble gland	el 1.440 M12x1.	5, brass,	st P nickel pl	ainless st VDF ated (clar	nping rar		
Pressure port / housing Option compact field housing Seals Diaphragm Media wetted parts	option stainle standa option ceram pressu or 4 20 m for IBExU zone 0	s for $p_N \le 2$ iss steel 1. ird: FKI s: EP ics $Al_2O_3$ 9 ire port, se in <b>A / 2-wire</b> 10 ATEX b: II 1G B	4301 (30 M DM 96 % eals, diap 9 1068 X Ex ia IIC	5ta PV 04); cat ohragm / IEC T4 Ga	inless ste DF ble gland Ex IBE 1	el 1.440 M12x1.	5, brass,	st P nickel pl	ainless st VDF ated (clar	nping rar		
Pressure port / housing Option compact field housing Seals Diaphragm Media wetted parts Explosion protection (only for Approval DX19-LMK 331 only	option stainle standa option ceram pressu or 4 20 m for IBExU zone 2 ues U <sub>i</sub> = 28	s for $p_N \le 2$ ss steel 1. urd: FKI s: EP ics Al <sub>2</sub> O <sub>3</sub> 9 ure port, se <b>iA / 2-wire</b> 10 ATEX	4301 (30 M DM 96 % eals, diap 20 1068 X Ex ia IIC Ex ia IIC mA, Pi =	sta PV 04); cat ohragm / IEC T4 Ga T135 ° = 660 m	inless ste DF ble gland Ex IBE 1 C Da W, Ci ≈ C	eel 1.440 M12x1.4 2.0027X	5, brass,	nickel pl	ainless st VDF ated (clar hers on r	nping rar		
Pressure port / housing Option compact field housing Seals Diaphragm Media wetted parts <b>Explosion protection (only fo</b> Approval DX19-LMK 331 only stainless steel pressure port Safety technical maximum valu Permissible temperatures for	option stainle standa option ceram pressu or 4 20 m for IBExU zone 0 zone 2 Uses U <sub>i</sub> = 28 the su in Zon	s for $p_N \le 2$ ss steel 1. rrd: FKI s: EP ics Al <sub>2</sub> O <sub>3</sub> 9 rre port, se <b>A / 2-wire</b> 10 ATEX 0: II 10 F 20: II 10 F 3 V, I <sub>1</sub> = 93 pply conne	4301 (30 M DM b6 % eals, diap ) 1068 X Ex ia IIC Ex ia IIIC Ex ia IIIC mA, P <sub>i</sub> = ections h -20	sta PV 04); cat ohragm / IEC T4 Ga T135 ° = 660 m ave an 60 °C	inless ste DF Dle gland Ex IBE 1 C Da W, C <sub>i</sub> $\approx$ C inner cap C with patr	eel 1.440 M12x1.4 2.0027X 9 nF, Li≈ pacity of	5, brass,	nickel pl ot	ainless st VDF ated (clar hers on r	nping rar		
Pressure port / housing Option compact field housing Seals Diaphragm Media wetted parts <b>Explosion protection (only fo</b> Approval DX19-LMK 331 only stainless steel pressure port Safety technical maximum valu Permissible temperatures for environment Connecting cables	option stainle standa option ceram pressu or 4 20 m for IBExU zone 0 zone 2 ues U <sub>i</sub> = 28 the su in Zon in Zon	s for $p_N \le 2$ ss steel 1. rrd: FKI s: EP ics Al <sub>2</sub> O <sub>3</sub> 9 rre port, se <b>A / 2-wire</b> 10 ATEX 0: II 10 F 8 V, I <sub>1</sub> = 93 pply conne e 0: e 1 or high capacitance	4301 (30 M DM 06 % eals, diap eals, diap eal	sta PV 04); cat ohragm / IEC T4 Ga T135 ° = 660 m ave an 60 °C -20 7 al line/s	inless ste DF Dle gland Ex IBE 1 C Da W, C <sub>i</sub> $\approx$ C inner cap C with patr 0 °C shield als	eel 1.440 M12x1.4 2.0027X a nF, Li≈ bacity of n 0.8 bar o signal	5, brass, 5, brass, 0 μH, max. 27 1 up to 1. 1 line / sign	nickel pl nickel pl of	ainless st VDF ated (clar hers on r housing 160 pF/m	nping rar		
Pressure port / housing Option compact field housing Seals Diaphragm Media wetted parts <b>Explosion protection (only fo</b> Approval DX19-LMK 331 only stainless steel pressure port Safety technical maximum valu Permissible temperatures for environment Connecting cables (by factory)	option stainle standa option ceram pressu or 4 20 m for IBExU zone 0 zone 2 ues U <sub>i</sub> = 28 the su in Zon in Zon	s for $p_N \le 2$ ss steel 1. ard: FKI s: EP ics Al <sub>2</sub> O <sub>3</sub> 9 are port, se <b>A / 2-wire</b> 10 ATEX b: II 10 F 3 V, I <sub>1</sub> = 93 pply conne e 0: e 1 or high	4301 (30 M DM 06 % eals, diap eals, diap eal	sta PV 04); cat ohragm / IEC T4 Ga T135 ° = 660 m ave an 60 °C -20 7 al line/s	inless ste DF Dle gland Ex IBE 1 C Da W, C <sub>i</sub> $\approx$ C inner cap C with patr 0 °C shield als	eel 1.440 M12x1.4 2.0027X a nF, Li≈ bacity of n 0.8 bar o signal	5, brass, 5, brass, 0 μH, max. 27 1 up to 1.2	nickel pl nickel pl of	ainless st VDF ated (clar hers on r housing 160 pF/m	nping rar		
Pressure port / housing Option compact field housing Seals Diaphragm Media wetted parts <b>Explosion protection (only fo</b> Approval DX19-LMK 331 only stainless steel pressure port Safety technical maximum valu Permissible temperatures for environment Connecting cables (by factory) <b>Miscellaneous</b>	option stainle standa option ceram pressu or 4 20 m for IBExU zone 2 ues U <sub>i</sub> = 28 the su in Zon in Zon cable cable	s for $p_N \le 2$ ss steel 1. ard: FKI s: EP ics Al <sub>2</sub> O <sub>3</sub> 9 are port, se <b>A / 2-wire</b> 10 ATEX 0: II 10 F 20: II 10 F 3 V, I <sub>1</sub> = 93 pply conne e 0: e 1 or high capacitance	4301 (30 M DM 06 % eals, diap <b>9</b> 1068 X Ex ia IIC Ex ia IIC Ex ia IIIC mA, P <sub>i</sub> = ections h -20 ner: -40/ xe: sign	sta PV 04); cat 0hragm / IEC T4 Ga T135 ° = 660 m ave an 60 °C -20 7 al line/s al line /	inless ste DF Dle gland Ex IBE 1 C Da W, C <sub>i</sub> $\approx$ C inner cap C with patr 0 °C shield als shield als	eel 1.440 M12x1.4 2.0027X a nF, Li≈ bacity of n 0.8 bar o signal	5, brass, 5, brass, 0 μH, max. 27 1 up to 1. 1 line / sign	nickel pl nickel pl of	ainless st VDF ated (clar hers on r housing 160 pF/m	nping rar		
Pressure port / housing Option compact field housing Seals Diaphragm Media wetted parts <b>Explosion protection (only fo</b> Approval DX19-LMK 331 only stainless steel pressure port Safety technical maximum valu Permissible temperatures for environment Connecting cables (by factory) <b>Miscellaneous</b> Option SIL 2 version <sup>5</sup>	option stainle standa option ceram pressu or 4 20 m for IBExU zone 2 ues U <sub>i</sub> = 28 the su in Zon in Zon cable cable	s for $p_N \le 2$ ss steel 1. rrd: FKI s: EP ics Al <sub>2</sub> O <sub>3</sub> 9 rre port, se <b>A / 2-wire</b> 10 ATEX 0: II 10 E 3 V, I <sub>1</sub> = 93 pply conne e 0: e 1 or high capacitance nductance	4301 (30 M DM 06 % eals, diap <b>9</b> 1068 X Ex ia IIC Ex ia IIC Ex ia IIC Ex ia IIC mA, P <sub>i</sub> = ections h -20 ner: -40/ xe: sign s: sign 5: 51508 /	sta PV 04); cat 0hragm / IEC T4 Ga T135 ° = 660 m ave an 60 °C -20 7 al line/s al line / IEC 61	inless ste DF De gland Ex IBE 1 C Da W, C <sub>i</sub> $\approx$ C inner cap C with patr 0 °C shield als shield als 511	eel 1.440 M12x1.4 2.0027X a nF, Li≈ bacity of n 0.8 bar o signal	5, brass, 5, brass, 0 μH, max. 27 1 up to 1. 1 line / sign	nF to the nal line: ^	ainless st VDF ated (clar hers on r housing l60 pF/m 1 μH/m	nping rar	nge 2	8 mm
Pressure port / housing Option compact field housing Seals Diaphragm Media wetted parts <b>Explosion protection (only fo</b> Approval DX19-LMK 331 only stainless steel pressure port Safety technical maximum valu Permissible temperatures for environment Connecting cables (by factory) <b>Miscellaneous</b> Option SIL 2 version <sup>5</sup> Current consumption	option stainle standa option ceram pressu or 4 20 m for IBExU zone 2 ues U <sub>i</sub> = 28 the su in Zon in Zon cable cable	s for $p_N \le 2$ ss steel 1. rrd: FKI s: EP ics Al <sub>2</sub> O <sub>3</sub> 9 rre port, se <b>A / 2-wire</b> 10 ATEX 0: II 10 E 3 V, I <sub>1</sub> = 93 pply conne e 0: e 1 or high capacitance nductance ling to IEC output cur	4301 (30 M DM 06 % eals, diap <b>9</b> 1068 X Ex ia IIC Ex ia IIC Ex ia IIC Ex ia IIC mA, P <sub>i</sub> = ections h -20 ner: -40/ xe: sign s: sign 5: 51508 /	sta PV 04); cat 0hragm / IEC T4 Ga T135 ° = 660 m ave an 60 °C -20 7 al line/s al line / IEC 61	inless ste DF De gland Ex IBE 1 C Da W, C <sub>i</sub> $\approx$ C inner cap C with patr 0 °C shield als shield als 511	eel 1.440 M12x1.4 2.0027X a nF, Li≈ bacity of n 0.8 bar o signal	5, brass, 5, brass, 0 μH, max. 27 1 up to 1. 1 line / sign	nF to the nal line: ^	ainless st VDF ated (clar hers on r housing 160 pF/m	nping rar	nge 2	8 mm
Pressure port / housing Option compact field housing Seals Diaphragm Media wetted parts <b>Explosion protection (only fo</b> Approval DX19-LMK 331 only stainless steel pressure port Safety technical maximum valu Permissible temperatures for environment Connecting cables (by factory) <b>Miscellaneous</b> Option SIL 2 version <sup>5</sup> Current consumption Weight	option stainle standa option ceram pressu or 4 20 m for IBExU zone 2 ues U <sub>i</sub> = 28 the su in Zon in Zon cable cable signal approx	s for $p_N \le 2$ ss steel 1. rrd: FKI s: EP ics Al <sub>2</sub> O <sub>3</sub> 9 rre port, se <b>A / 2-wire</b> 10 ATEX 0: II 10 E 3 V, I <sub>1</sub> = 93 pply conne e 0: e 1 or high capacitance nductance	4301 (30 M DM 06 % eals, diap <b>9</b> 1068 X Ex ia IIC Ex ia IIC Ex ia IIC Ex ia IIC mA, P <sub>i</sub> = ections h -20 ner: -40/ xe: sign s: sign 5: 51508 /	sta PV 04); cat 0hragm / IEC T4 Ga T135 ° = 660 m ave an 60 °C -20 7 al line/s al line / IEC 61	inless ste DF De gland Ex IBE 1 C Da W, C <sub>i</sub> $\approx$ C inner cap C with patr 0 °C shield als shield als 511	eel 1.440 M12x1.4 2.0027X a nF, Li≈ bacity of n 0.8 bar o signal	5, brass, 5, brass, 0 μH, max. 27 1 up to 1. 1 line / sign	nF to the nal line: ^	ainless st VDF ated (clar hers on r housing l60 pF/m 1 μH/m	nping rar	nge 2	8 mm
Pressure port / housing Option compact field housing Seals Diaphragm Media wetted parts <b>Explosion protection (only fo</b> Approval DX19-LMK 331 only stainless steel pressure port Safety technical maximum valu Permissible temperatures for environment Connecting cables (by factory) <b>Miscellaneous</b> Option SIL 2 version <sup>5</sup> Current consumption Weight Installation position	option stainle standa option ceram pressu or 4 20 m for IBExU zone 0 zone 2 ues U <sub>i</sub> = 28 the su in Zon in Zon cable cable accord signal approx any	s for $p_N \le 2$ ss steel 1. rrd: FKI s: EP ics Al <sub>2</sub> O <sub>3</sub> 9 rre port, se <b>A / 2-wire</b> 10 ATEX 0: II 10 F 20: II 10 F 20: II 10 F 3 V, I <sub>1</sub> = 93 pply conne e 0: e 1 or high capacitance nductance ling to IEC output cur c. 150 g	4301 (30 M DM 06 % eals, diap <b>9</b> 1068 X Ex ia IIC Ex ia IIC Ex ia IIC Ex ia IIC mA, P <sub>i</sub> = ections h -20 ner: -40/ xe: sign s: sign s: sign s: 61508 / rent: ma	sta PV 04); cat 0hragm / IEC T4 Ga T135 ° = 660 m ave an 60 °C -20 7 al line/s al line / IEC 61	inless ste DF De gland Ex IBE 1 C Da W, C <sub>i</sub> $\approx$ C inner cap C with patr 0 °C shield als shield als 511	eel 1.440 M12x1.4 2.0027X a nF, Li≈ bacity of n 0.8 bar o signal	5, brass, 5, brass, 0 μH, max. 27 1 up to 1. 1 line / sign	nF to the nal line: ^	ainless st VDF ated (clar hers on r housing l60 pF/m 1 μH/m	nping rar	nge 2	8 mm
Pressure port / housing Option compact field housing Seals Diaphragm Media wetted parts <b>Explosion protection (only fo</b> Approval DX19-LMK 331 only stainless steel pressure port Safety technical maximum valu Permissible temperatures for environment Connecting cables (by factory) <b>Miscellaneous</b> Option SIL 2 version <sup>5</sup> Current consumption Weight Installation position Operational life	option stainle standa option ceram pressu or 4 20 m for IBExU zone 0 zone 2 ues U <sub>i</sub> = 28 the su in Zon in Zon cable cable accord signal approx any 100 m	s for $p_N \le 2$ ss steel 1. rrd: FKI s: EP ics Al <sub>2</sub> O <sub>3</sub> 9 rre port, se <b>A / 2-wire</b> 10 ATEX 0: II 10 F 20: II 10 F 3 V, I <sub>1</sub> = 93 pply conne e 0: e 1 or high capacitance nductance ling to IEC output cur c. 150 g	4301 (30 M DM DM 6 % eals, diap 7 1068 X Ex ia IIC Ex ia IIC Ex ia IIC Ex ia IIC Ex ia IIC Ex ia IIC Ex ia IIC ections h -20 ner: -40/ xe: sign 5: sign 5: sign 5: sign 5: cycles	sta PV 04); cat ohragm / IEC T4 Ga T135 ° 660 m ave an 60 °C -20 7 al line/s al line / IEC 61 x. 25 m	inless ste DF De gland Ex IBE 1 C Da W, C <sub>i</sub> $\approx$ C inner cap C with patr 0 °C shield als shield als 511	eel 1.440 M12x1.4 2.0027X a nF, Li≈ bacity of n 0.8 bar o signal	5, brass, 5, brass, 0 μH, max. 27 1 up to 1. 1 line / sign	nF to the nal line: ^	ainless st VDF ated (clar hers on r housing l60 pF/m 1 μH/m	nping rar	nge 2	8 mm
Pressure port / housing Option compact field housing Seals Diaphragm Media wetted parts <b>Explosion protection (only fo</b> Approval DX19-LMK 331 only stainless steel pressure port Safety technical maximum valu Permissible temperatures for environment Connecting cables (by factory) <b>Miscellaneous</b> Option SIL 2 version <sup>5</sup> Current consumption Weight Installation position	option stainle standa option ceram pressu or 4 20 m for IBExU zone 0 zone 2 ues U <sub>i</sub> = 28 the su in Zon in Zon cable cable accord signal approx any 100 m	s for $p_N \le 2$ ss steel 1. rrd: FKI s: EP ics Al <sub>2</sub> O <sub>3</sub> 9 rre port, se <b>A / 2-wire</b> 10 ATEX 0: II 10 F 20: II 10	4301 (30 M DM DM 6 % eals, diap 7 1068 X Ex ia IIC Ex ia IIC Ex ia IIC Ex ia IIC Ex ia IIC Ex ia IIC Ex ia IIC ections h -20 ner: -40/ xe: sign 5: sign 5: sign 5: sign 5: cycles	sta PV 04); cat ohragm / IEC T4 Ga T135 ° 660 m ave an 60 °C -20 7 al line/s al line / IEC 61 x. 25 m	inless ste DF De gland Ex IBE 1 C Da W, C <sub>i</sub> $\approx$ C inner cap C with patr 0 °C shield als shield als 511	eel 1.440 M12x1.4 2.0027X a nF, Li≈ bacity of n 0.8 bar o signal	5, brass, 5, brass, 0 μH, max. 27 1 up to 1. 1 line / sign	nF to the nal line: ^	ainless st VDF ated (clar hers on r housing l60 pF/m 1 μH/m	nping rar	nge 2	8 mm





www.bdsensors.de info@bdsensors.de



	Orderir	ng code	e LMK (	331					
LMK 331		□-□-	□-□	]-[		]-[]-[	]-[		
Pressure gauge in bar	4 6 0 4 6 1								
gauge in mH <sub>2</sub> O Input [mH <sub>2</sub> O] [bar]									
4 0.4 6 0.6	6 0 0	0							
10 1.0 16 1.6	1 0 0 1 6 0	1							
25 2.5 40 4.0	2 5 0 4 0 0	1							
60 6.0	6 0 0	1							
100 10 160 16	160	2							
250 25 400 40 <sup>1</sup>	2 5 0 4 0 0	2							
600 60 <sup>1</sup> customer	2 5 0 4 0 0 6 0 0 9 9 9	2							consult
Analogue output									
4 20 mA / 2-wire 0 20 mA / 3-wire		1 2							
0 … 10 V / 3-wire intrinsic safety 4 … 20 mA / 2-wire	2	3 E							
SIL2 4 20 mA / 2-wire SIL2 with intrinsic safety <sup>2</sup>	2	1S							
4 20 mA / 2-wire customer		ES 9						_	oonoult
Accuracy		9							consult
0.5 % FSO customer			5 9						consult
Electrical connection male and female plug ISO 4400			1 0 0	)					
male plug Binder series 723 (5-pin) cable outlet with PVC cable (IP67) <sup>3</sup>	3		2 0 0 T A 0	)					
cable outlet,			TRO						
cable with ventilation tube (IP68) <sup>4</sup> male plug M12x1 (4-pin) / metal	t		M 1 (						
compact field housing stainless steel 1.4301 (304)			8 5 0	)					
customer Mechanical connection		_	999	9					consult
G3/4" DIN 3852 with				К 0	0			T	
flush sensor customer				99	9				consult
Seals FKM		_	_		1				
EPDM customer					3 9				consult
Pressure port					Ū				
stainless steel 1.4404 (316L) option for $p_N \le 25$ bar: PVDF <sup>5</sup>	5					1 B			
customer		_	_			9			consult
Diaphragm									
ceramics Al <sub>2</sub> O <sub>3</sub> 96 %							2		consult
Diaphragm ceramics Al <sub>2</sub> O <sub>3</sub> 96 % customer Special version standard		_	_		-		2 9 0	0 0	consult