



Your advantages

Series	LCK-02 / LCK-03 / LCK-07
	<ul style="list-style-type: none"> • Good readability of the process parameters → High contrast LCD display • Robust mechanical construction → Reliable and long-lasting operation • Continuous self-test → Maximum degree of operational safety • Up to 4 years of energy self-sufficient operation → Durable lithium battery • No complex cabling necessary

Technical data	
Version	Straight
Dimensions	100 mm x 20 mm [D x D]
Measuring range	-40...199.9 °C
Medium / Application	Liquid and gaseous media
Immersion tube length	100...400 mm
Immersion tube diameter	8 mm
Process connection	Without, G¼, G½, G¾, M20 x 1.5, M27 x 2
Pressure rating	PN 25
Display	3 ½ digit, 7 segment display, 21 mm high
Resolution	0.1 K in the range -40...199.9 °C
Measuring rate	6 s
Medium temperature	See selected measuring range
Ambient temperature	5...60 °C
Storage temperature	5...60 °C

Electrical data	
Measuring element	Pt1000 / 2-wire / Class B
Accuracy	±1 % of range ±1 digit
Supply voltage	Button cell, 4 years service life

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

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Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Киргизия (996)312-96-26-47

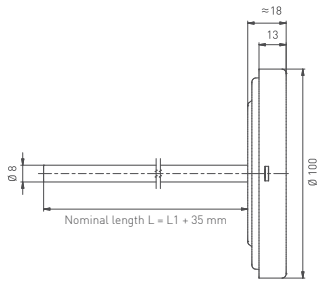
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Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
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Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Казахстан (772)734-952-31

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Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
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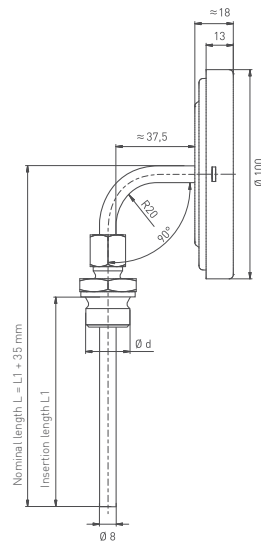
LCK-02

Immersion tube
routed to the rear (axial)



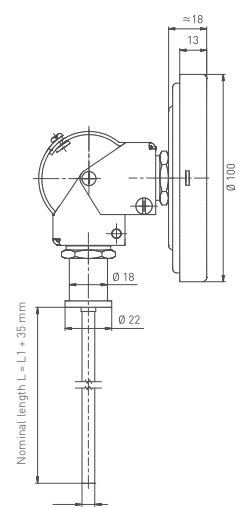
LCK-03

Immersion tube 90°



LCK-07

Immersion tube
universally adjustable



Material

Not in contact with medium

Housing Stainless steel 1.4301 with polished front frame, glass or plastic front screen

In contact with medium

Process connection Stainless steel 1.4571

Immersion tube Stainless steel 1.4571

Order code										
Type										
Immersion tube routed to the rear (axial)	LCK-02	9A2								
Immersion tube 90°	LCK-03	9A3								
Immersion tube universally adjustable	LCK-07	9A7								
Display range*										
-40...199,9 °C		42								
Immersion tube length* l₁	Nominal length L = l₁ + 35 mm									
100 mm	135 mm	100								
160 mm	195 mm	160								
250 mm	285 mm	250								
400 mm	435 mm	400								
Connection type*										
Connection type A, plain immersion tube		1								
Connection type AK, adjustable compression fitting		9								
Thread type*										
None		0								
Connection type AKa, adjustable compression fitting (male thread)		2								
Connection type AKi, adjustable compression fitting (female thread)		3								
Connection thread*										
Without - plain immersion tube		0								
G¼		L								
G½		2								
G¾		3								
M20 x 1.5		7								
M27 x 2		9								
Immersion tube material*	Connection thread material*									
Stainless steel 1.4571	None	1								
Stainless steel 1.4571	Stainless steel 1.4571	3								
Immersion tube diameter										
8 mm		0								
Connecting cable*										
None		0								
Special features*										
None										0
Shatter-proof plastic front screen (FDA version)										2
Example order number		9A2	42	100	1	0	0	1	0	0

* Other specifications are available on request

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Type		Order number									
LCK-02	Immersion tube routed to the rear (axial), display range -40...199.9 °C l ₁ = 100 mm, plain immersion tube tread type: none, stainless steel 1.4571, immersion tube diameter 8 mm, without connection cable	9A2	42	100	1	0	0	1	0	0	0
LCK-02	Immersion tube routed to the rear (axial), display range -40...199.9 °C l ₁ = 160 mm, plain immersion tube tread type: none, stainless steel 1.4571, immersion tube diameter 8 mm, without connection cable	9A2	42	160	1	0	0	1	0	0	0

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