

## **R&R illuminated pushbutton panel 5x6 keys IKL4-129**

Industrial grade keyboard with individually controlled bicolour leds

housing  
W x H x D  
drawing  
Optional

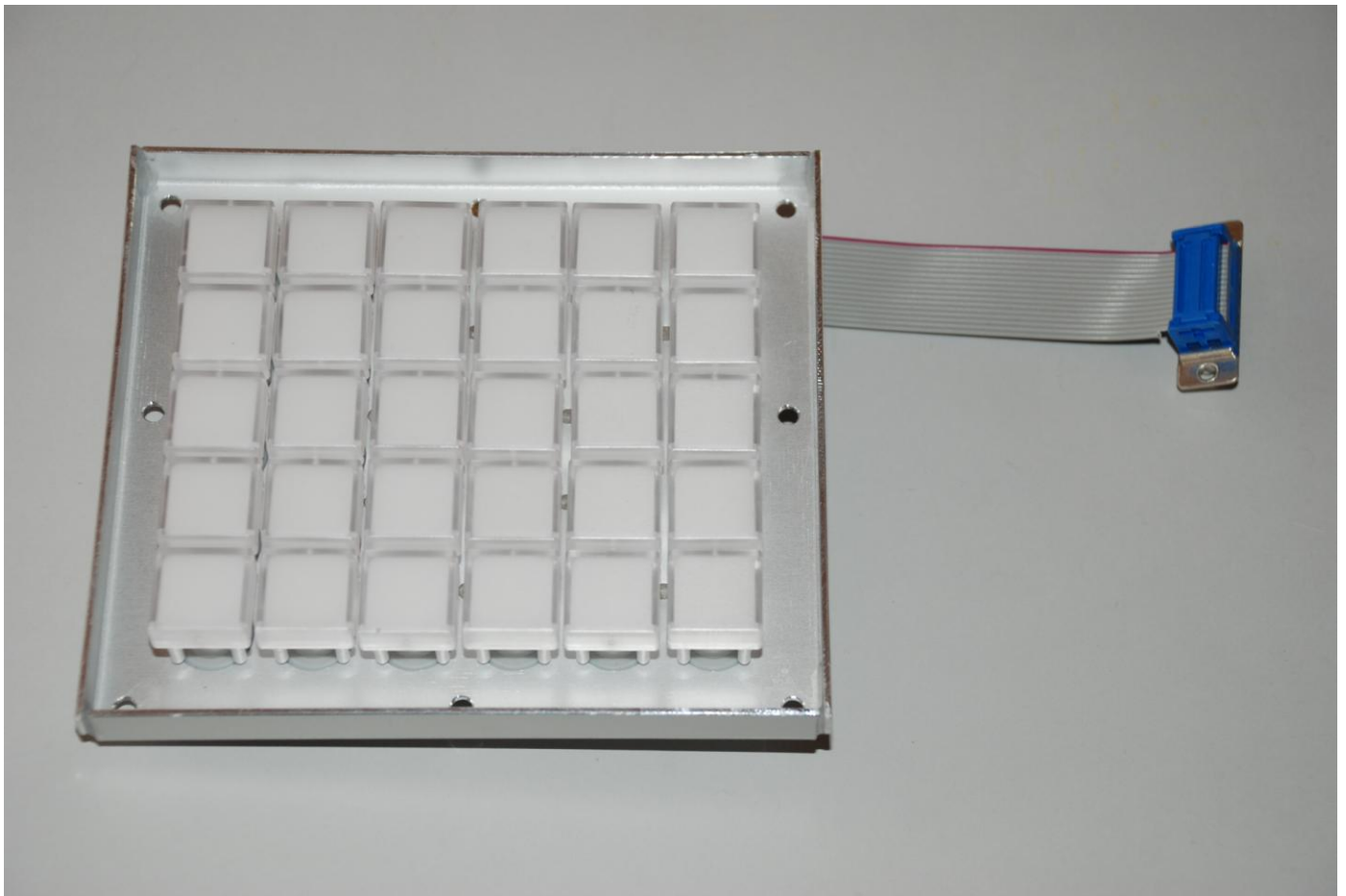
Aluminium anodized  
Approximate 140 x 127 x 35 mm  
See DNR 20572  
front panel for countersunk screws  
mounting from top and from the back side  
clamp mounting  
desktop housing  
protective cases  
...

### **IKL4-129**

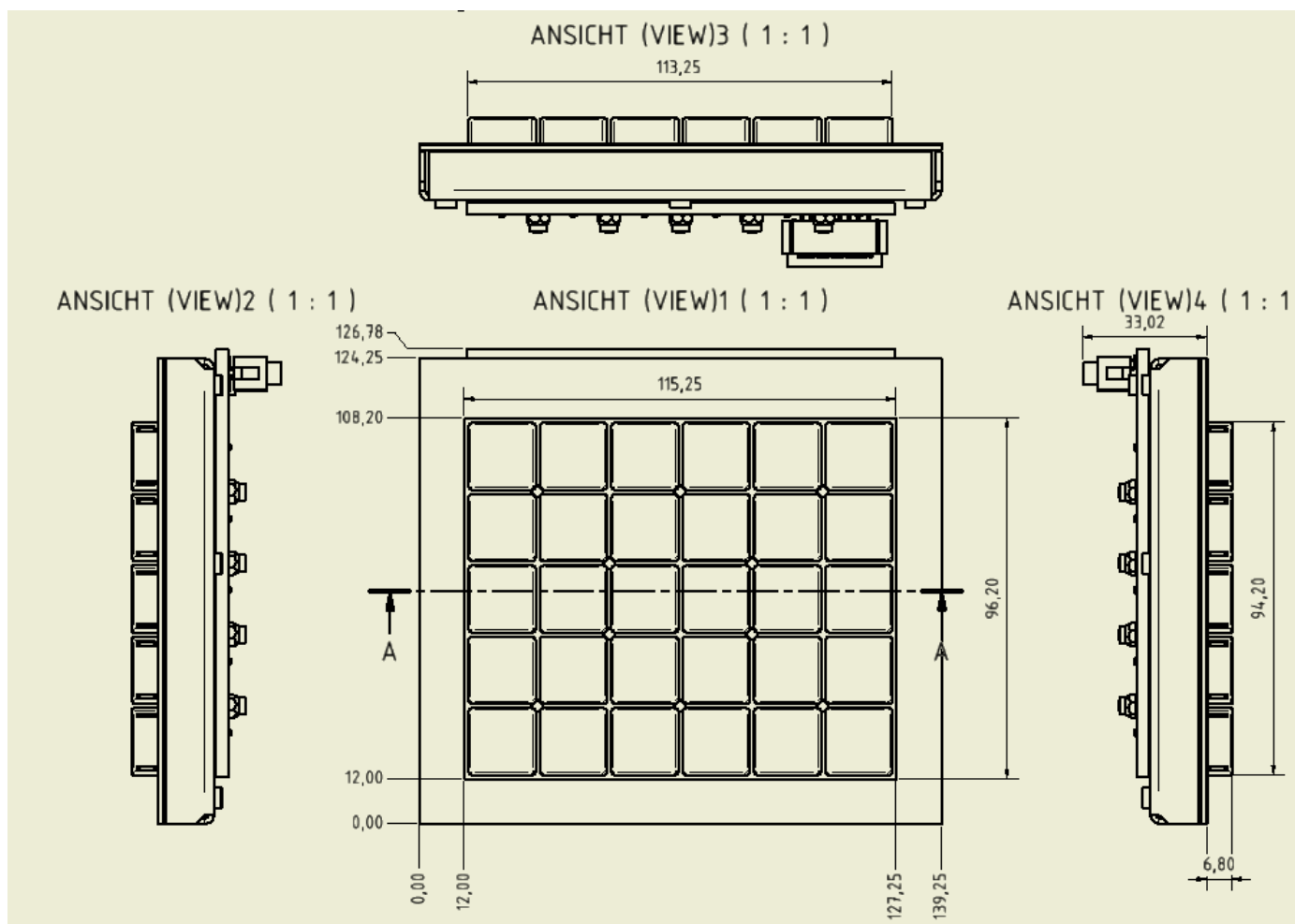
Ob der Eck 4 · D-78148 Gütenbach · Telefon (07723) 9186-0 · Telefax (07723)9186-30

**DNR20630\_E.DOC REV01 - 04.07.2014**

**[WWW.RURGMBH.DE](http://WWW.RURGMBH.DE) [INFO@RURGMBH.DE](mailto:INFO@RURGMBH.DE)**



Keyboard block without glue panel





R&R key LT4  
LT4-FM  
Inscription

Flat keytop  
Elevated keytop with finger cavity  
Printed labels  
Sealed contact  
Sealed guide element  
Dust proof, water proof  
good resistance to impact due to the additional mechanical stop

Illumination

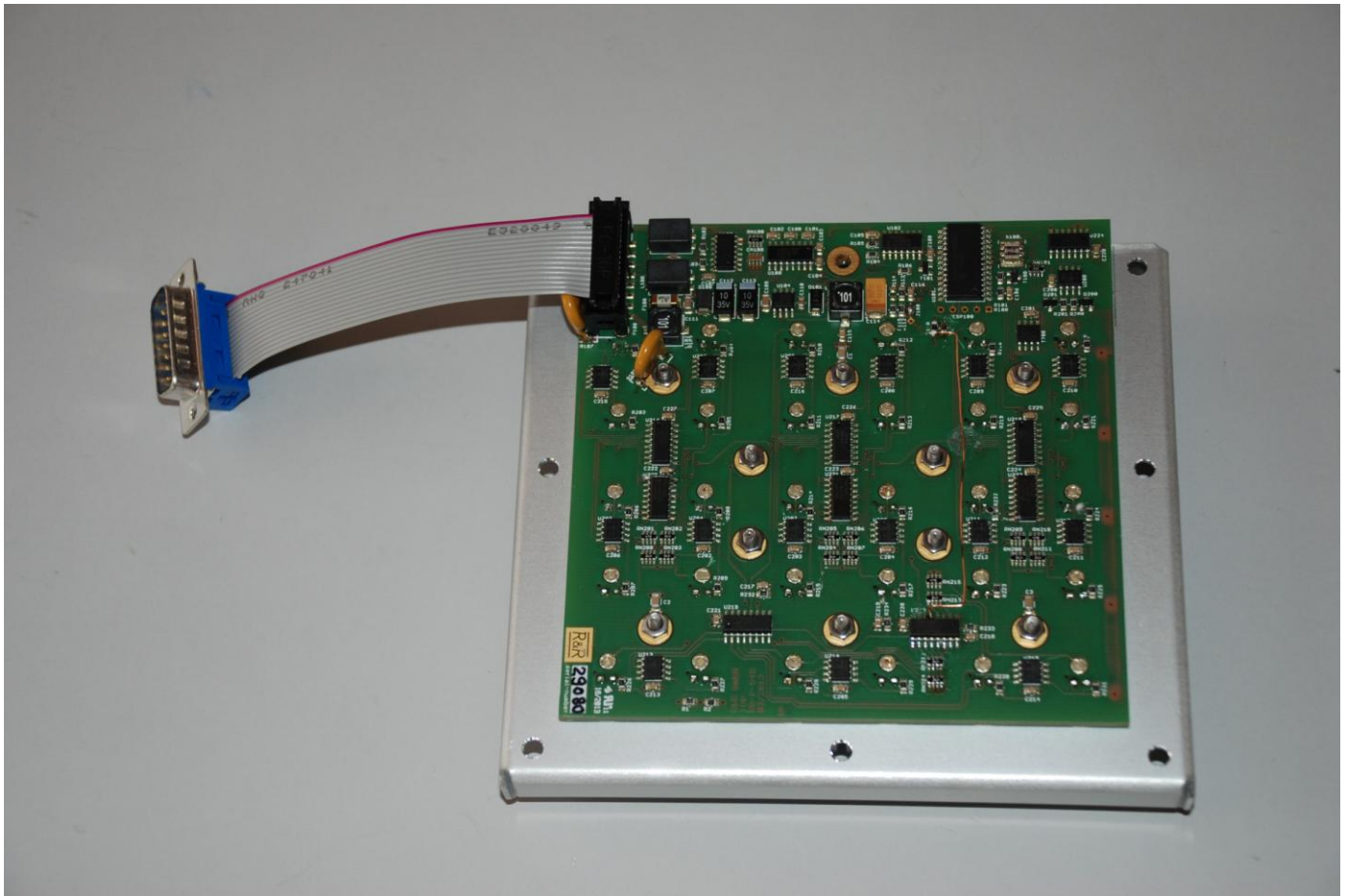
Up to 30 individually controlled LEDs  
3mm, bicolour red-yellow-green

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On board microcontroller with led control

Standard Software

See documentation DNR 8089  
optional Direktansteuerung von externen Schaltboxen  
z.B. Schaltbox SB100 oder Relaisbaugruppen

Option

Modbus  
External relais-box

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R&R silicon key  
DNR 10001  
Actuation force 1N  
Travel 1.2 mm  
Approx. 2 million switch  
cycles



Silcion key DNR 7467  
2N / 1.2 mm  
> 2 million switch cycles



**Interface****RS232C, RS422**

4800 baud, no parity, 8 databits, 1 stopbit

15pol. Sub-D 15 pin male

Signal	Pin#	Signal
Signal-Masse	1	
	9	RS232C-RTS (Request To Send) <sup>*2</sup>
RS232C-Receive-Data <sup>*2</sup>	2	
	10	RS232C-CTS (Clear To Send) <sup>*2</sup>
RS232C-Transmit-Data <sup>*2</sup>	3	
	11	RS422-Receive-Data- <sup>*2</sup>
RS422-Receive-Data+ <sup>*2</sup>	4	
	12	RS422-Transmit-Data- <sup>*2</sup>
RS422-Transmit-Data+ <sup>*2</sup>	5	
	13	-
-	6	
	14	-
Versorgungsspannung-Masse	7	
	15	Versorgungsspannung-Masse
+24Volt Versorgungsspannung	8	

<sup>\*2</sup> RS422/RS232C

Use only one interface at a time.

Do not connect the unused interface.