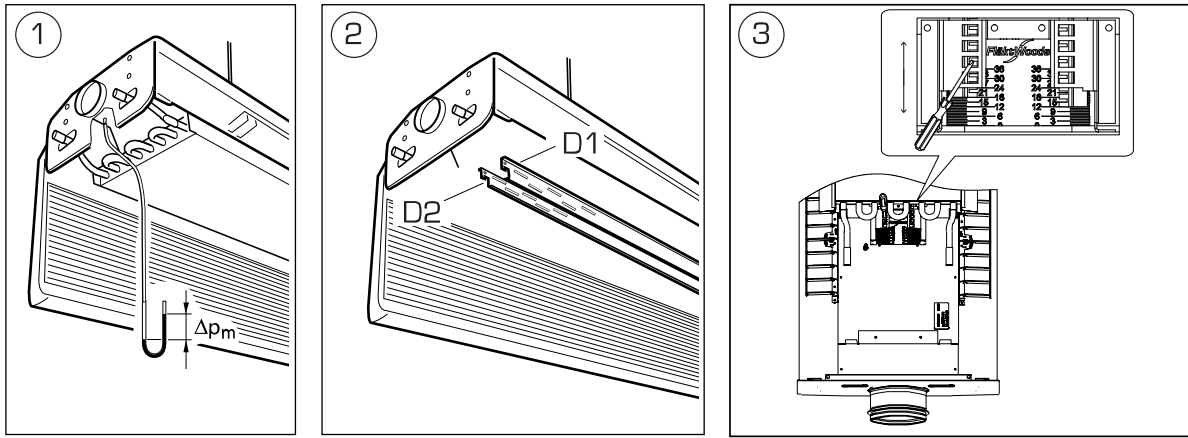




## IQFI-aaa-bb-cc-d

aaa = 120, 150, 180, 210, 240, 270, 300, 330 (cm).



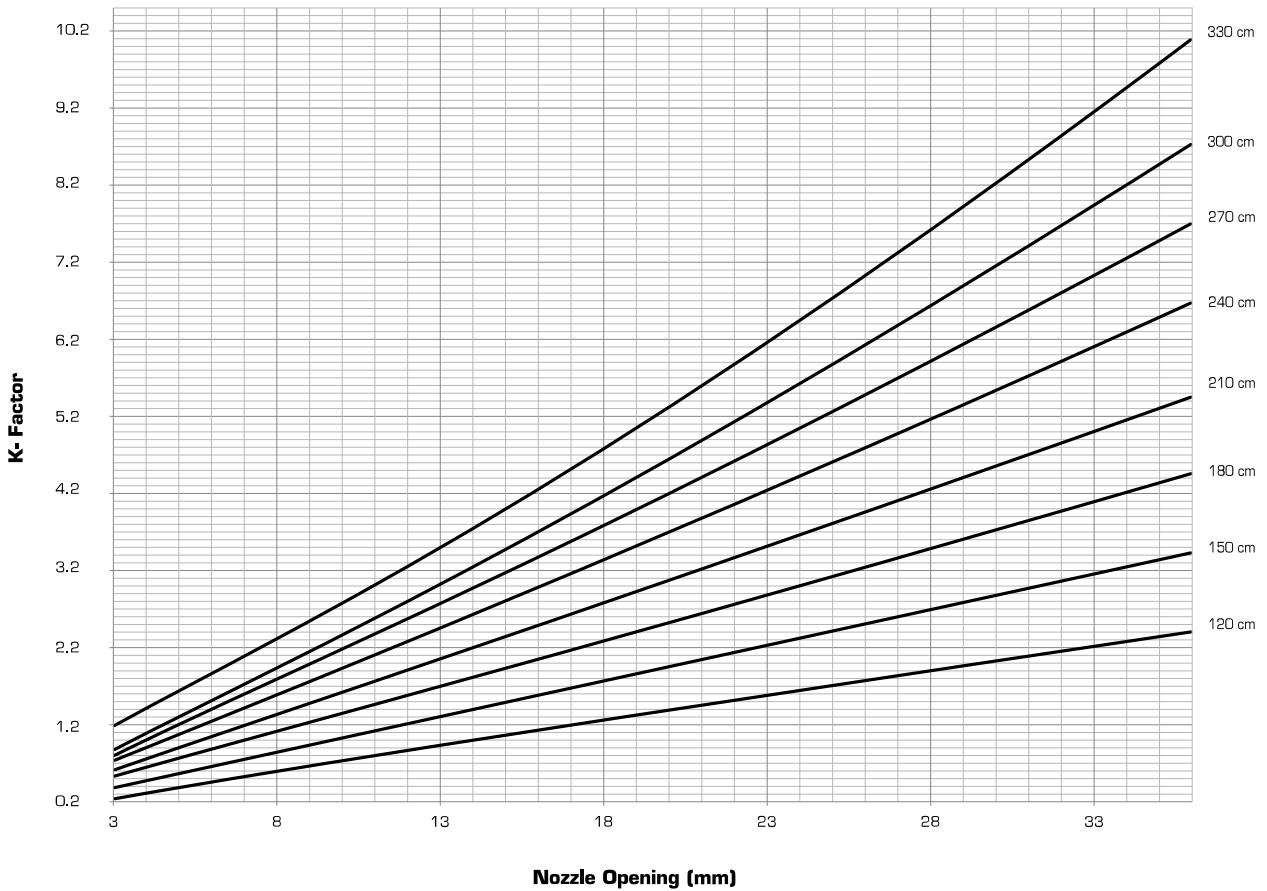
aaa

④  $D1 = D2$

$q = k \sqrt{\Delta p_m}$	$q = 3.6k \sqrt{\Delta p_m}$
(l/s)	(m <sup>3</sup> /h)
(Pa)	(Pa)

④  $D1 \neq D2$

$q = \left( \frac{k_{D1}}{2} + \frac{k_{D2}}{2} \right) \sqrt{\Delta p_m}$	$q = 3.6 \left( \frac{k_{D1}}{2} + \frac{k_{D2}}{2} \right) \sqrt{\Delta p_m}$
(l/s)	(m <sup>3</sup> /h)
(Pa)	(Pa)





## Pi Function



**309VM-024-150-MB-003**

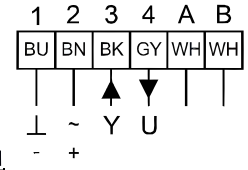
**150 N**

**3,0 W (1,0 W) • 5,0 VA**

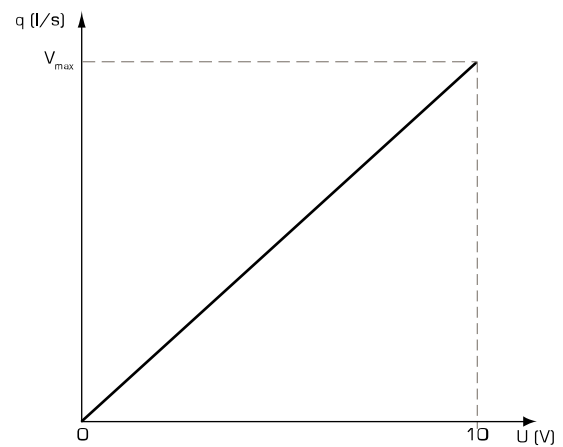
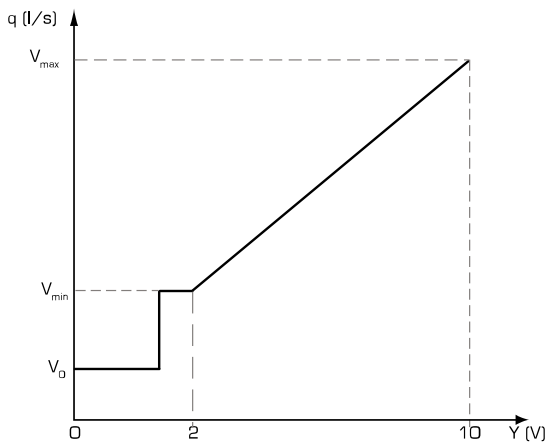
**12,5 mm/min • 36 mm**

**150 Pa • max.100 kPa**

Serial nr. Software version YY/MM

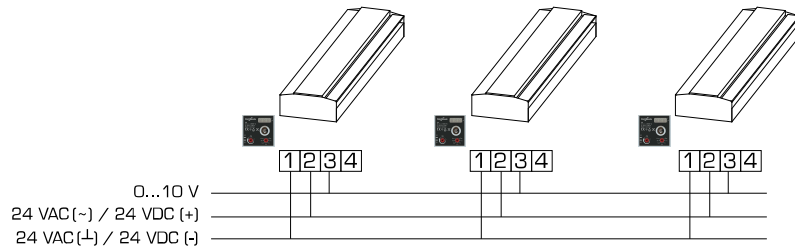


1	2	3	4	a	b
24 VAC (+) 24 VDC (-)	24 VAC (~) 24 VDC (+)	0...10 V	0...10 V	Modbus	
Operating Voltage		Control signal (Y)	Feedback signal (U)		
blue (BU)	brown (BN)	black (BK)	grey (GY)		

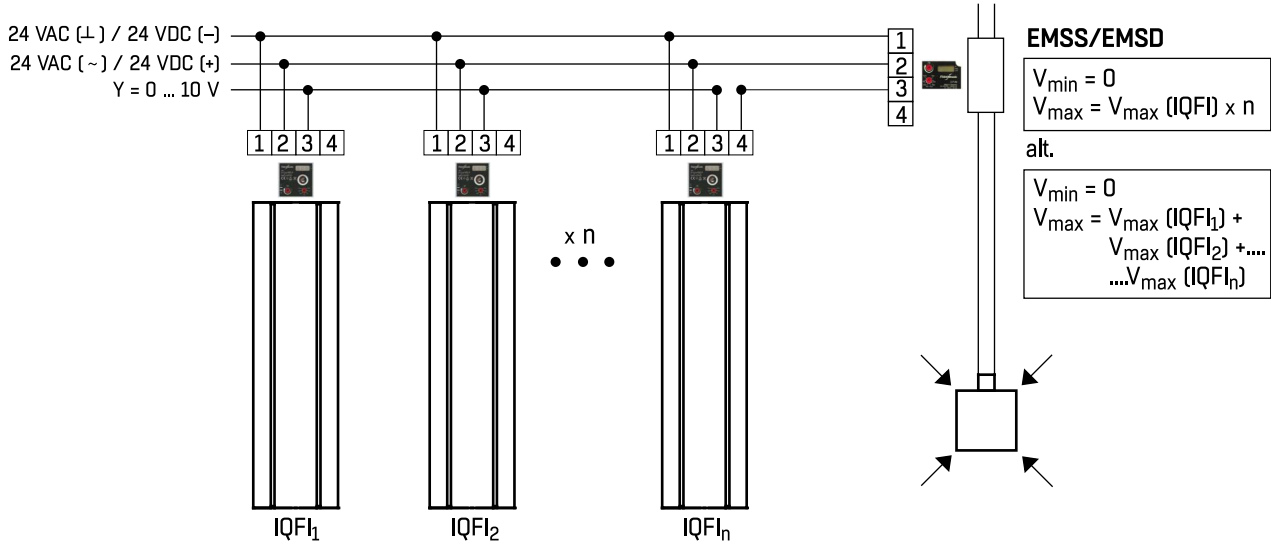


$$q_{act} = V_{min} + \frac{Y - 2}{8} \times (V_{max} - V_{min})$$

$$U = 0 - 10 \quad (0 V = 0 l/s, 10 V = V_{max})$$



# Commissioning

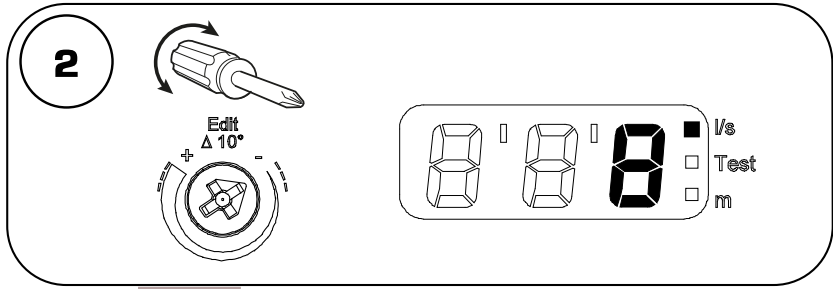
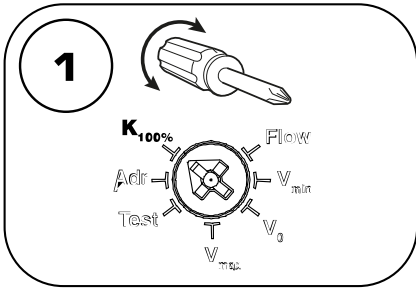


aaa [ cm]	K <sub>100%</sub>
120	2.47
150	3.55
180	4.55
210	5.50
240	6.70
270	7.65
300	8.50
330	9.55

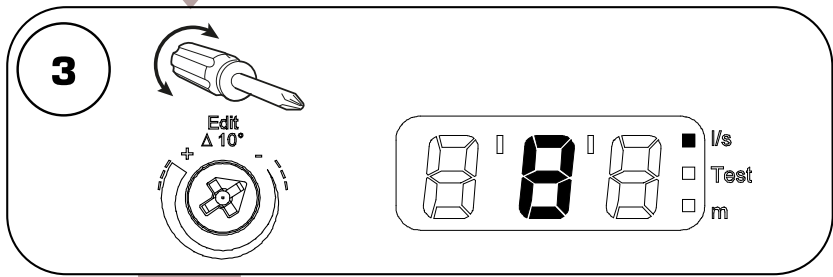
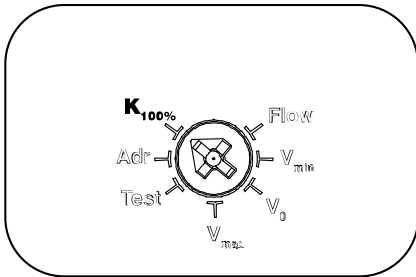
# Commissioning



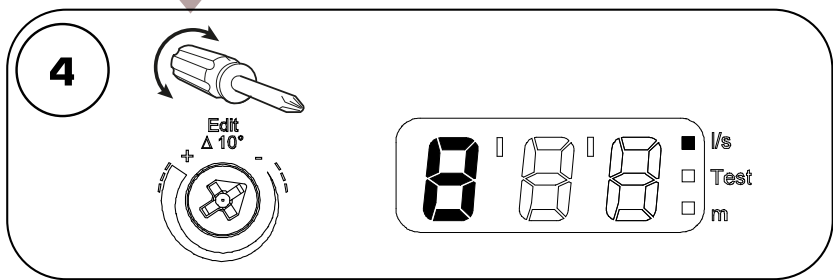
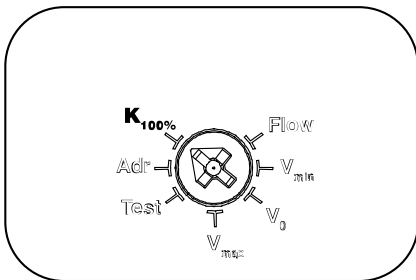
K<sub>100%</sub>



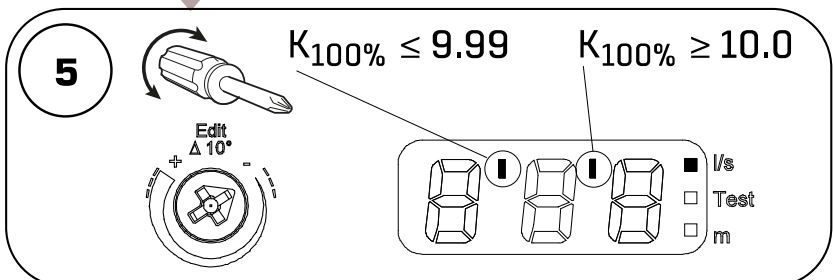
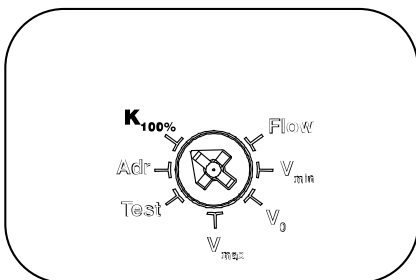
**3 s**



**3 s**

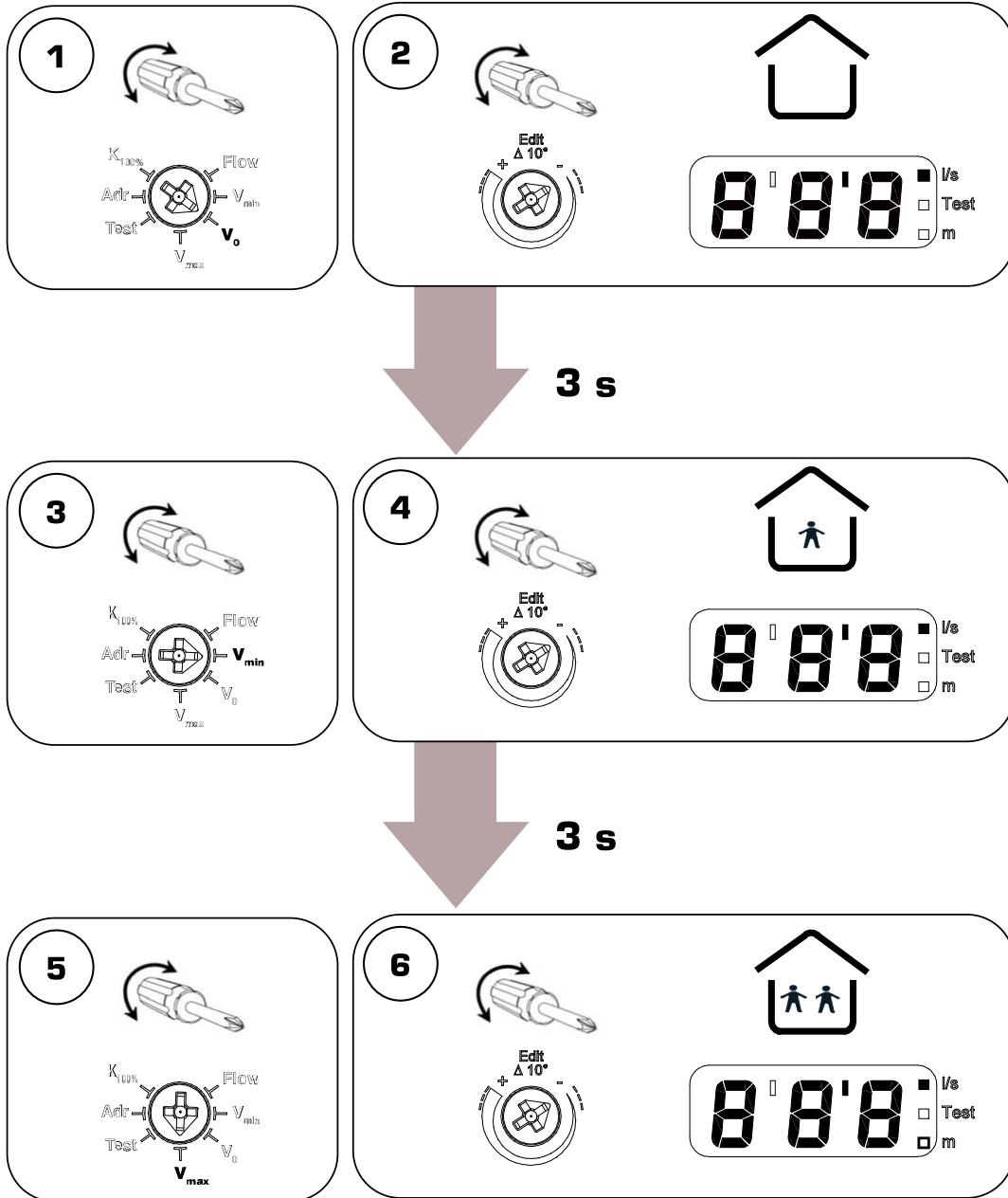


**3 s**



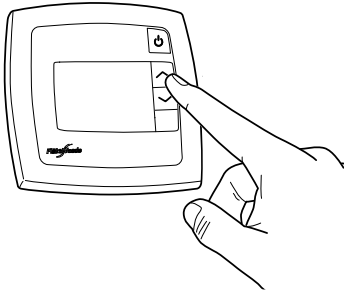


$V_0$ ,  $V_{min}$  &  $V_{max}$





# Commissioning



STRZ-76-02-cc-d-ee  
STRZ-76-bb-02/04/06/08-d-ee  
STRZ-76-bb-03/04/07/08

Parameter 15 = 1  
Parameter 18 = 2  
Parameter 45 = 1, Parameter 17 = 3