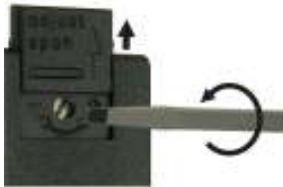


**GENERAL CHARACTERISTICS**

The instruments are working according to the technology of a spring and bellow supported paddle. Electrical contact effected by a micro switch.

- \* nominal diameter 25-200
- \* hermetic separation of electrical and hydraulic components
- \* protection of functional components from liquid by rubber bellow
- \* easy adjustment of switch



Male thread R1" brass/stainless steel



CM2K-025HM

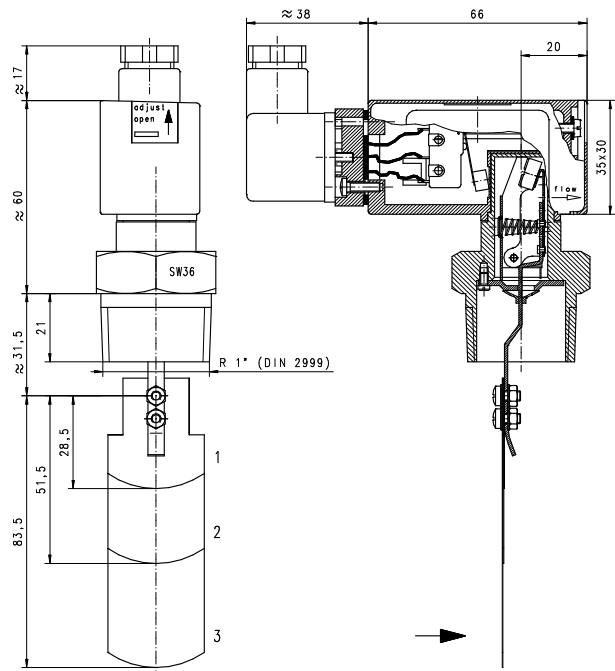
**TECHNICAL DATA**

DN	PN bar	Qmax. recom. m³/h H₂O	adjustable range m³/h H₂O			
			paddle 1	paddle 1,2	paddle 1,2,3	paddle 1,2,3,4
25	25	3.6	0.7 - 0.8	-	-	-
32	25	6	1.7 - 1.8	-	-	-
40	25	9	1.7 - 2.4	-	-	-
50	25	15	4.5 - 4.9	1.2 - 1.4	-	-
65	25	24	9.5 - 11.2	3.2 - 3.6	-	-
80	25	36	13.5 - 14.8	5.9 - 7.4	1.4 - 2.7	-
100	25	60	25.8 - 30.2	8.3 - 8.8	3.3 - 3.9	2.3 - 2.8

Adjustable range is indicated for horizontally decreasing flow.  
DN 125-200 on request

tolerance	±15 % of full scale
media temperature	max. 110°C
average pressure loss	0.15 bar at Qmax.
hysteresis	depending on switch value
	minimum 5 l/min.
weight	0.35kg

Attention! Paddle fixation not secured.  
With critical conditions (i.e. vibration) please protect paddle screws.



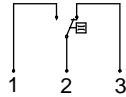
**MATERIALS**

	CM2K-025HM	CM2K-025HK
housing	brass Ms58 nickel plated	stainless steel 1.4571
paddle	stainless steel 1.4301 ; 1.4571	stainless steel 1.4301 ; 1.4571
bellow	NBR	NBR
protection	POM	POM
spring	stainless steel 1.4310	stainless steel 1.4310
magnet	oxyd 300	oxyd 300

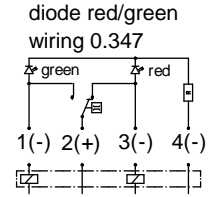
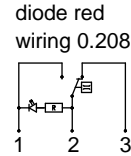
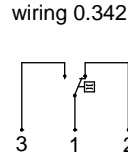
Paddel 1 to adjusted for DN25  
Paddel 4 may be adjusted to pipe size  
DN 100 paddle lenght 92  
DN 125 paddle lenght 117  
DN 150 paddle lenght 143  
from DN 175 original paddle lenght

**ELECTRICAL DATA**

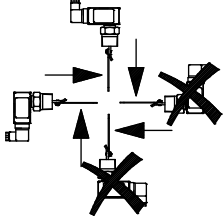
micro switch - wiring 0.371 change over  
250 V AC 5 A  
plug DIN 43650-A  
protection class IP 65



OBASIC Programme options

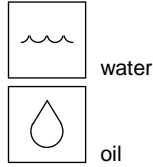


**MOUNTING POSITION**



Installation position may influence switch value.

**METERING SUBSTANCES**



**NOMENCLATURE**

<b>CM2K-</b>	<b>025</b>	<b>H</b>	<b>M</b>	<b>basic type specification</b>
	025			● connection thread DN25 - R1"
		H		● socket thread
			M	● brass design
			K	● stainless steel design
Programme option BASIC				○ wiring 0.208 - diode red integrated in plug DIN 43650-A wiring 0.347 - diode red/green integrated in plug DIN 43650-A wiring 0.342 gold-plated micro switch 125 V AC / 30 V DC / 100mA
Special option VARIO				□ setting / adjustable ranges for oil contact for locking plug M12x1, 4-pole

**IMPORTANT FOR YOUR ORDER**

- Please indicate flow direction, metering substance and adjustable range with your order.
- With viscous liquids please indicate viscosity, temperature and metering substance (adjustable range on request)

All technical changes reserved

IBASIC Standard ○OBASIC Programme option □VARIO Special option ⊕ PLUS Accessories ✗ not recommendable