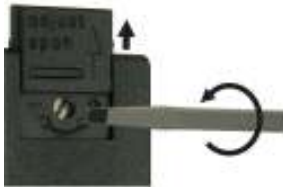


paddle

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

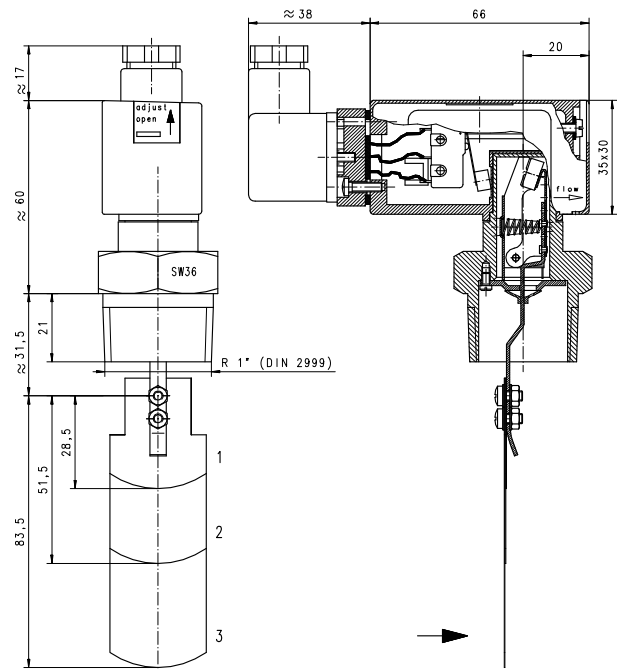
TECHNICAL DATA

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

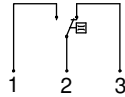
	CM2K-025HM	CM2K-025HK
housing	brass Ms58 nickel plated	stainless steel 1.4571
paddle	stainless steel 1.4301 ; 1.4571	stainless steel 1.4301 ; 1.4571
bellow	NBR	NBR
protection	POM	POM
spring	stainless steel 1.4310	stainless steel 1.4310
magnet	oxyd 300	oxyd 300

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

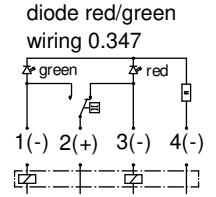
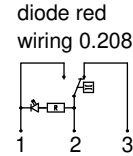
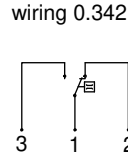
paddle

ELECTRICAL DATA

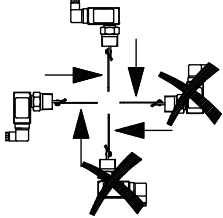
micro switch - wiring 0.371 change over
250 V AC 5 A
plug DIN 43650-A
protection class IP 65



OBASIC
Programme options

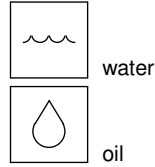


MOUNTING POSITION



Installation position may influence switch value.

METERING SUBSTANCES



NOMENCLATURE

CM2K-	025	H	M	basic type specification
	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)