

PADDLE FLOW SWITCHES SERIES CM2K

Fluids: Water and clean fluids
 Maximum fluid working temperature: 110 °C
 Maximum working pressure: 25 bar
 Pressure loss: 0,15 bar at Q max. value
 Accuracy: ±15% F.S.

Materials: Body type HM Nickel plated brass
 Body type HK 316 Stainless Steel
 Paddle 316 stainless steel (all type)

Connection: 1" Gas Male
 Mounting: pipe sizes from DN25 to DN200 (1"÷8")
 Weight: 350 gr

Contact: Micro switch SPDT
 Electrical rating: 250V - 5A
 Maximum Voltage: 250 Vac
 Electrical connection: Plug DIN 43650A
 Protection: IP 65



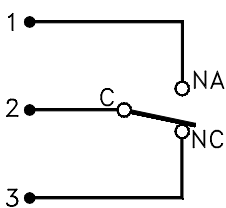
ADJUSTABLE RANGES

DN	Flow max.	Adjustable range m ³ /h H ₂ O	Paddle N.	Cut see draw
25	3,6	0,5 ÷ 0,9	1	Tab.1
32	6	1 ÷ 1,9	1	-
40	9	1,6 ÷ 2,8	1+2	Tab.1
50	15	1,1 ÷ 2,2	1+2+3	Tab.1
65	24	2,3 ÷ 4,3	1+2+3	Tab.1
80	36	3,3 ÷ 5,3	1+2+3	-
100	60	14 ÷ 17,5	1+2+3	-
		3,8 ÷ 6,7	1+2+3+4	Tab.2
150	120	31 ÷ 40	1+2+3	-
		8,6 ÷ 15	1+2+3+4	Tab.2
200	240	55 ÷ 71	1+2+3	-
		16 ÷ 27	1+2+3+4	Tab.2

NOMENCLATURE AND MATERIALS

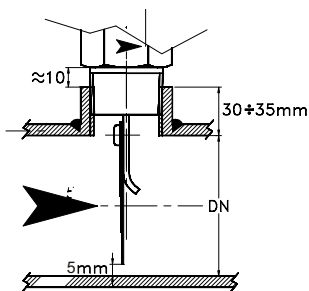
MODEL	CM2K - 025HM	CM2K - 025HK
Body	Nickel plated brass	St. steel 1.4571
Paddle	St. steel 1.4301	St. steel 1.4571
	St. steel 1.4571	St. steel 1.4571
paddle stem	St. steel 1.4305	St. steel 1.4305
Bellow protection	NBR	NBR
Spring	St. steel 1.4310	St. steel 1.4310
Magnet	Oxide 300	Oxide 300

WIRING AND SETTING



Set point adjustment (•)
 Lift the safety cover on the switch head and turn clockwise the adjusting screw to increase the switch point.

Paddle 1 DN25
 Paddle 2 DN50
 Paddle 3 DN80
 Paddle 4 DN100 cut to 92 mm
 DN125 cut to 117 mm
 DN150 cut to 143 mm
 ≥ DN175 paddle 4



Check the paddle does not touch the bottom of pipe.
 If needed, cut the paddle and adjust the length as indicated.

DIMENSIONS

