

Model KD



DISHNON - Fertilizer meter with electrical output

The DISHNON is a small meter, which is resistant to fertilizer and similar chemicals and which transmits electrical data to automated control systems. The DISHNON contains a small measuring chamber and a magnetic proximity switch made of synthetic polymers and metals capable of withstanding all fertilizer materials currently in common use.

Features:

- Compatible with virtually any type of automated control system
- High accuracy
- Dry contact electrical output
- Corrosion resistant plastic and metal components

Applications

- Automated irrigation systems
- Automated industrial applications using corrosive liquids

Available Sizes

1/2" (15mm)

Technical Specifications:

Maximum Working Pressure	5 bar
Maximum Working Temperature	50°C
Body	Corrosion resistant plastic
Connection	3/4" BSP



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Performance data

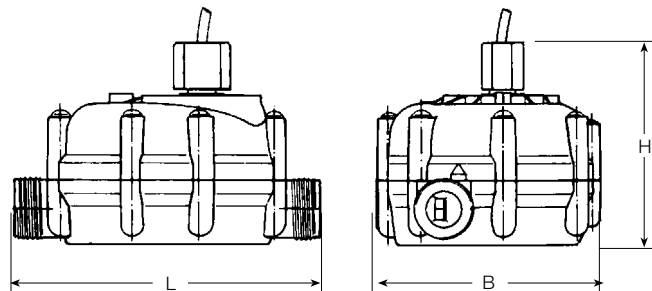
Model	Qmax Maximum flowrate (l/h)	Qmin Minimum flowrate (l/h)
N-KD	750	60
S-KD	500	20

Electrical output data

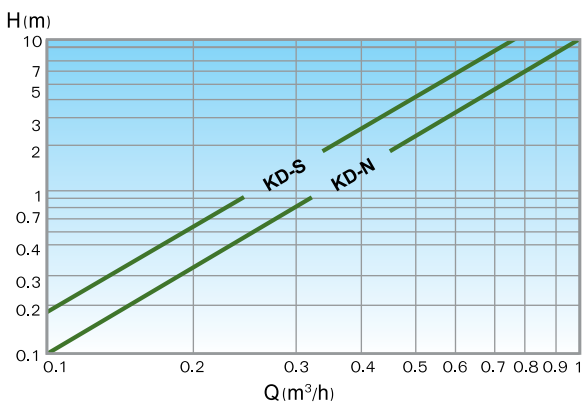
Model	Pulse per unit	V max	I max	Cable Length
N-KD	0.1, 0.25, 1, 10	28V DC	50 mA	1.5 meter
S-KD	0.05			

Dimensions

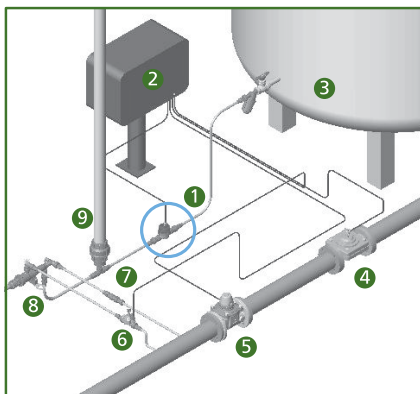
Model		KD
Nominal size	(mm)	15
	(inch)	½
L - Length (mm)		136
H - Height (mm)		86
B - Width (mm)		100
Weight (kg)		0.3



Head Loss Curve



Installation Scheme



1. KD Fertilizer Meter
2. Irrigation computer
3. Fertilizer tank
4. Hydraulic valve
5. Water meter
6. Hydraulic valve
7. Flow limiter valve
8. Fertilizer Pump
9. 75 mm damping pipe

Installation Requirements

- The fertilizer meter should be installed in horizontal position



Arad Ltd.

Dalia 19239, Israel, Tel: 972-4-9897911, Fax: 972-4-9897960

www.arad.co.il

