

ULTRASONIC FLOW SENSOR UDS03 // UDS04

DP-K-011-000010 // UDS03

DP-K-011-000012 // UDS03 Profinet

DP-K-011-000011 // UDS04

DP-K-011-000013 // UDS04 Profinet



The UDS03 and UDS04 ultrasonic flow sensors are suitable for space-saving installations due to their small design. The clamp-on mechanism allows the flow to be checked from outside the pipe.

Because the sensors themselves do not come into contact with the medium, they do not require maintenance, there is no pressure loss with the medium and the pipe does not need to be modified. They have a repeatability of up to $\pm 0.1\%$ (depending on general conditions).

TECHNICAL DATA

Type	UDS03	UDS04
Line outer diameter	3 mm	4 mm
Installable area	2.7–3.7 mm	3.5–4.5 mm
Nominal flow range	0–1000 ml/min	0–1000 ml/min
Output	PNP or NPN circuit	PNP or NPN circuit
Network compatibility	IO-link DP-K-011-000010 Profinet DP-K-011-000012	IO-link DP-K-011-000011 Profinet DP-K-011-000013
Zero cut flow rate	20 ml/min	20 ml/min
T _{max}	60 °C	60 °C
External inlet	selectable: zero flow rate / shot mode detection input / flow rate reset / zero offset.	

MOUNTING SET WITH SENSOR HEAD UDS03 // UDS04

(SPARE PART)

DP-K-011-000014 // mounting set with sensor head UDS03

DP-K-011-000015 // mounting set with sensor head UDS04

CONSISTING OF

- ▶ Sensor Head
- ▶ Mounting set flow sensor and brackets