

Ultrasonic Diffuse, Analogue and Digital Output Types UA18EAD.....TI

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- Cylindrical M18 Stainless Steel INOX AISI 316L housing
- Sensing distance: 50-1500 mm
- Power supply: 15 to 30 VDC
- Outputs: 0-10 VDC or 4-20 mA and one switching output NPN or PNP, NO or NC.
- Linearity error 1%
- Repeatability 0.5%
- Beam angle. $\pm 7^\circ$ or $\pm 10^\circ$
- Protection: Short-circuit, reverse polarity and overvoltage
- Protection degree IP 67
- 2 m cable or M12 plug



Product Description

A family of diffuse ultrasonic sensors in Stainless steel housing and with sensing range from 50-400 mm, 100-900 mm and 200-1500 with a resolution as low as 1.0 mm.

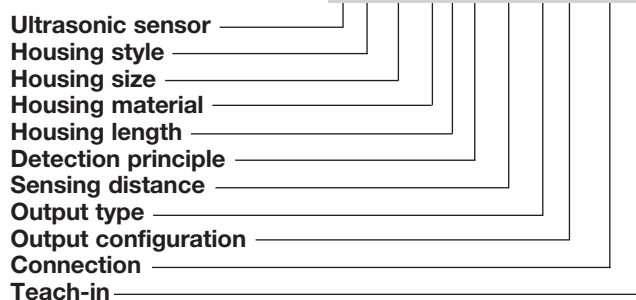
The sensor contains both an analogue and a digital output. The output is either 0-10V or 4-20 mA and the digital output NPN or PNP, NO

or NC which forms a window detection. The sensor is the ideal choice for distance measurement, level measurement, diameter measurement or loop control.

Due to use of microprocessor control the digital filtering makes the sensor immune to most electromagnetic interferences.

Ordering Key

UA18EAD04NGM1TI



Type Selection

Housing diameter	Connection	Rated operating dist. (S _n)	Analog Output	Digital output NPN/PNP	Ordering no.
M18	Plug M12	50-400 mm	4-20 mA	NPN	UA 18 EAD 04 NG M1 TI
M18	Cable	50-400 mm	4-20 mA	NPN	UA 18 EAD 04 NG TI
M18	Plug M12	50-400 mm	0-10 V	NPN	UA 18 EAD 04 NK M1 TI
M18	Cable	50-400 mm	0-10 V	NPN	UA 18 EAD 04 NK TI
M18	Plug M12	50-400 mm	4-20 mA	PNP	UA 18 EAD 04 PG M1 TI
M18	Cable	50-400 mm	4-20 mA	PNP	UA 18 EAD 04 PG TI
M18	Plug M12	50-400 mm	0-10 V	PNP	UA 18 EAD 04 PK M1 TI
M18	Cable	50-400 mm	0-10 V	PNP	UA 18 EAD 04 PK TI
M18	Plug M12	100-900 mm	4-20 mA	NPN	UA 18 EAD 09 NG M1 TI
M18	Cable	100-900 mm	4-20 mA	NPN	UA 18 EAD 09 NG TI
M18	Plug M12	100-900 mm	0-10 V	NPN	UA 18 EAD 09 NK M1 TI
M18	Cable	100-900 mm	0-10 V	NPN	UA 18 EAD 09 NK TI
M18	Plug M12	100-900 mm	4-20 mA	PNP	UA 18 EAD 09 PG M1 TI
M18	Cable	100-900 mm	4-20 mA	PNP	UA 18 EAD 09 PG TI
M18	Plug M12	100-900 mm	0-10 V	PNP	UA 18 EAD 09 PK M1 TI
M18	Cable	100-900 mm	0-10 V	PNP	UA 18 EAD 09 PK TI
M18	Plug M12	200-1500 mm	4-20 mA	NPN	UA 18 EAD 15 NG M1 TI
M18	Cable	200-1500 mm	4-20 mA	NPN	UA 18 EAD 15 NG TI
M18	Plug M12	200-1500 mm	0-10 V	NPN	UA 18 EAD 15 NK M1 TI
M18	Cable	200-1500 mm	0-10 V	NPN	UA 18 EAD 15 NK TI
M18	Plug M12	200-1500 mm	4-20 mA	PNP	UA 18 EAD 15 PG M1 TI
M18	Cable	200-1500 mm	4-20 mA	PNP	UA 18 EAD 15 PG TI
M18	Plug M12	200-1500 mm	0-10 V	PNP	UA 18 EAD 15 PK M1 TI
M18	Cable	200-1500 mm	0-10 V	PNP	UA 18 EAD 15 PK TI