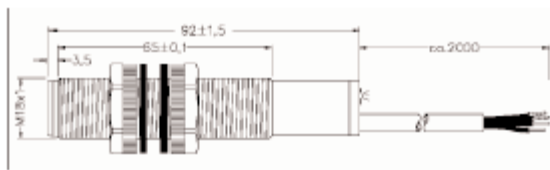


M18 Ultrasonic Sensors 300 Series



M18 60-300mm (3"- 12') Range
Accurately Measures Distances to 1'

Harsh Duty Ultrasonic Sensor

Ideal for measuring bulk solids/objects/washdown

18-30Vdc /Analog output 0-10V

Easy set up using Teach in function
anti fog, anti washdown, light immune, color immune

IP67 protection degree
protection from electrical damages

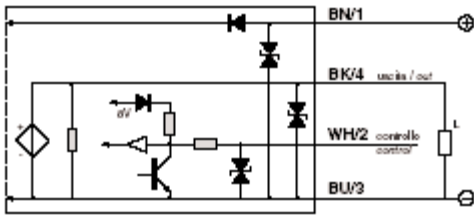
Parts Matrix

ultrasonic sensor series	U
M18 18mm diameter body	9
60-300mm range	300
diffuse mode	D
PBTB housing	T
4 wire device	4
analog output 0-10V	Z
300Hz	H
M1 Cable output	M1
range (mm) max	300mm

Part Number Specifications

U9300DT4ZHM1 Ultrasonic 010V M1

Wiring Diagram



TECHNICAL SPECIFICATIONS

Nominal Sensing Distance	60-300mm
Emission	ultrasonic
Hysterisis	.2%
Linearity Error	<.3%
Output Slope	-
Ultrasonic Frequency	300Hz
No Load Supply Current	>35mA
Output	Analog 0-10V
Load Current	5mA
Sensitivity	42mV/mm
Operating Voltage U_b	18-30VDC
Voltage Drop	-
Control Input	sync
Ultrasonic Beam Angle	8 degrees
Ripple	10%
Max Respse Time	50ms Stepped
Protection Degree (DIN 40 050)	IEC IP67
Housing Material	PBTP
Time Delay before Avaliable	500mS
Sensitivity Adjustment	teach-in
Operrating Temp	-15---+70C
Storage Temp	-25---+75C
Supply/Electrical Protections	short circuit/overvoltage
Protections	IP67