

# ANDERSON NEGELE TURBIDITY SENSOR ITM-4DW

ITM-4DW

ITM-4DW

- 4-Beam Alternating Light Method
- Measuring Range: 0...5000 NTU (0...1250 EBC)
- Operating Pressure Max 10 bar



## PRODUCT DESCRIPTION

Please refer to the image below for ordering information.

Order Code		
ITM-4DW	(Material PPSU with drinking water certification)	
	<b>Process connection for DN40 Optics</b>	
	TC25	(Nominal width DN25; Tri-Clamp process connection)
	TC40	(Nominal width DN40; Tri-Clamp process connection)
	TC50	(Nominal width DN50; Tri-Clamp process connection)
	TC65	(Nominal width DN65; Tri-Clamp process connection)
	TC80	(Nominal width DN80; Tri-Clamp process connection)
	TC100	(Nominal width DN100; Tri-Clamp process connection)
	TC1	(Nominal width ASME 1"; Tri-Clamp process connection)
	TC1.5	(Nominal width ASME 1½"; Tri-Clamp process connection)
	TC2	(Nominal width ASME 2"; Tri-Clamp process connection)
	TC2.5	(Nominal width ASME 2½"; Tri-Clamp process connection)
	TC3	(Nominal width ASME 3"; Tri-Clamp process connection)
	TC4	(Nominal width ASME 4"; Tri-Clamp process connection)
	GG25	(Nominal width DN25; milk pipe process connection DN25 as per DIN 11851)
	GG40	(Nominal width DN40; milk pipe process connection DN40 as per DIN 11851)
	GG50	(Nominal width DN50; milk pipe process connection DN50 as per DIN 11851)
	GG65	(Nominal width DN65; milk pipe process connection DN65 as per DIN 11851)
	GG80	(Nominal width DN80; milk pipe process connection DN80 as per DIN 11851)
	GG100	(Nominal width DN100; milk pipe process connection DN100 as per DIN 11851)
	DF25	(Nominal width DN25; DIN flange process connection as per DIN 2632/33)
	DF40	(Nominal width DN40; DIN flange process connection as per DIN 2632/33)
	DF50	(Nominal width DN50; DIN flange process connection as per DIN 2632/33)
	DF65	(Nominal width DN65; DIN flange process connection as per DIN 2632/33)
	DF80	(Nominal width DN80; DIN flange process connection as per DIN 2632/33)
	DF100	(Nominal width DN100; DIN flange process connection as per DIN 2632/33)
	<b>Electrical connection</b>	
	X	(2 x cable screw fitting M16 x 1.5)
	M12	(2 x M12 connector; 1.4305)
ITM-4DW /	GG65 /	M12

## TECHNICAL DATA

<b>Approvals</b>	FDA
<b>Area of application</b>	Water, Food
<b>IP class</b>	IP67, IP69K
<b>Material cover</b>	PMMA
<b>Material detector</b>	Sapphire
<b>Material of connection</b>	Stainless steel 316L
<b>Material of seals</b>	EPDM food approved
<b>Material of sensor housing</b>	Stainless steel 1.4305
<b>Pressure resistance max</b>	10 bar
<b>Supply voltage dc max</b>	36 V DC
<b>Supply voltage dc min</b>	18 V DC
<b>Temperature ambient from</b>	-10 °C
<b>Temperature ambient to</b>	60 °C
<b>Temperature of media from</b>	0 °C
<b>Temperature of media to</b>	100 °C