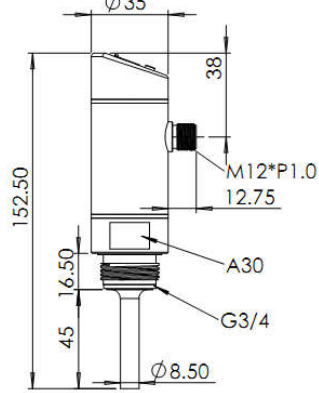
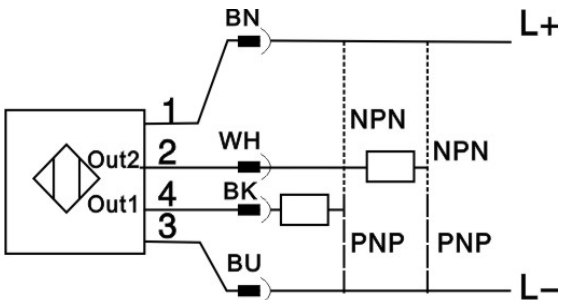
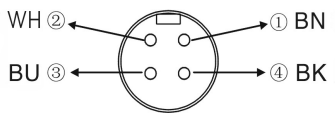


TA3202 Sanitary Temperature Sensors M12 socket Thread connection: G3/4 Switching output 3 digit display Sensing range -40...150°C/-40...302°F	 		
Applications	Liquid and gas		
Electric design	DC PNP/NPN		
Output	OUT1	PNP/NPN Programmable	Hno= hysteresis / NO
			Hnc= hysteresis / NC
			Fno= window function / NO
			Fnc= window function / NC
	OUT2	PNP/NPN Programmable	Hno= hysteresis / NO
			Hnc= hysteresis / NC
			Fno= window function / NO
			Fnc= window function / NC
		dES= diagnosis output / NC	
Current consumption[mA]	<50		
Analogue output	4...20mA (Rmax:5000 Ohm) / 0...10V (Rmin:1000 Ohm)		
Setting range			
Analogue start point ASP[°C/°F]	-40...140 / -40...284		
Analogue end point AEP[°C/°F]	-30...150 / -22...302		
Switching point SP[°C/°F]	-39.5...150 / -39...302		
Reset point rP[°C/°F]	-40...149.5 / -40...301		
In steps of	0.5/1		
Programming options	Hysteresis range / Window function, NO / NC		
	Min/Max, Factory reset, °C/°F		
Adjustment of switching point	via pushbuttons		
Accuracy			
Switching accuracy[°C/°F]	±0.2/±0.36		
Analogue accuracy[°C/°F]	±(0.2/0.36+0.4% Measuring range)		
Resolution			
Switching output [°C/°F]	0.5/1		
Analogue output[°C/°F]	0.125/0.23		
Display[°C/°F]	0.5/1		

Ambient temperature [°C/°F]	-40...100/-40...302
Medium temperature [°C/°F]	-25...80/-13...176
Storage temperature[°C/°F]	-40...100/-40...212
Insulation resistance[MΩ]	>100 (500V DC)
Protection/Enclosure Rating	IP69K
Dimensions[mm]	
ESD[KV]	III
EFT[KV]	III
Walkie talkie experiment[M]	1
Shock resistance[g]	50
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	Stainless steel 316L
Function LED/output status	Red LED
Connection	M12 socket
Wiring	
Wiring  Programming of the output function: Hno= hysteresis / NO Hnc= hysteresis / NC Fno= window function / NO Fnc= window function / NC	