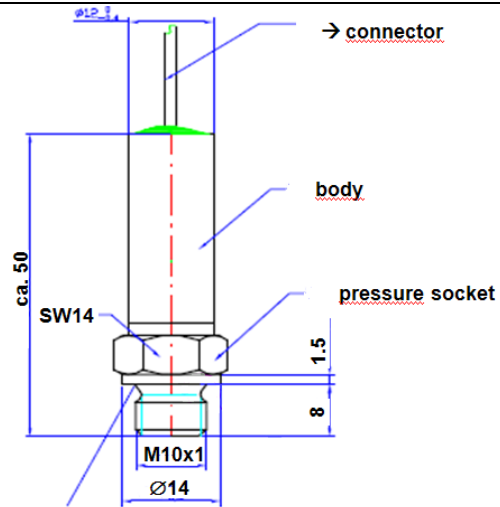


SA-PK010M10HT-330

Pressure sensor high temperature



screwed end
DIN 3852-FormA

+ adapter for oil pressure sensor to oil circuit

Key Features:

- Pressure measurement 0 to 10 bar
- Signal output 0 to 5 V
- Calibrated operating temperature 20-125°C
- Typical application: oil pressure measurement

Technical specifications

Electrical characteristics			Mechanical characteristics		
Range	bar	0-10	Dimensions	Refer figure	
Supply voltage (range)	V	12-30	Weight	g	42.5
Supply current (maximum)	mA	0-20	Pressure port	M10x1	
Output	VDC fixed		Cable		
Accuracy (combined linearity, hysteresis and repeatability)			Type	Raychem, EPD	
0...+50°C	%/FS	±1	Wire cross section	3x AWG24	
-10...+80°C	%/FS	±1.5	Length	mm	200
Error free pressure overload	2x related pressure		Vibration resistance		
Environmental data			Shock	G	40
Sealing class	IP67		During a time period of	ms	10
Long term stability (1 year)	% FS	±0.3	Vibration tested at	G	12
Storage temperature range	°C	-40...+125	Measured with	Hz	1000
Calibrated operating temp. range	°C	20...125	Ordering information		
			Art.No. SA-PK010M10HT-330		

Connector layout

JST JWPF 4PM			
Pin	Name	Description	Color
1	AGND	Analog ground	Black
2	Signal	Analog signal	White
3	n.c.	Not connected	
4	+12 V	Power supply	Red

Connector type

