

SA-PK100M10-330

Pressure sensor



+ adapter for pressure sensors SA-PKxxxM10 to brake system and gaskets

Key Features

- Pressure measurement 0 to 100 bar
- Signal output 0.5 to 4.5 V
- Typical application: brake pressure

Technical specifications

Electrical characteristics			Mechanical characteristics		
Range	bar	0-100	Sensor length	mm	51.5
Supply voltage	V	5	Wrench size	mm	17
Supply current (maximum)	mA	0-20	Weight	g	42
Output	VDC fixed	0.5-4.5	Pressure port		M10x1
Accuracy (combined linearity, hysteresis and repeatability)			Cable		
0...+50°C	%/°FS	±1	Type		Raychem, EPD
-10...+80°C	%/°FS	±1.5	Wire cross section		3x AWG24
Error free pressure overload		1.5x related pressure	Length	mm	350
Environmental data			Vibration resistance		
Sealing class		IP65	Shock	G	40
Long term stability (1 year)	% FS	±0.3	During a time period of	ms	10
Storage temperature range	°C	-40...+100	Vibration tested at	G	12
Calibrated operating temp. range	°C	-10...+80	Measured with	Hz	1000

Ordering information

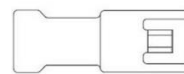
Art.No. SA-PK100M10-330

Connector layout

Connector type

JST JWPF 3PM

Pin	Name	Description	Color
1	AGND	Analog Ground	Black
2	+5 V	Power supply	Green
3	Signal	Analog signal	White



1
2
3 front view