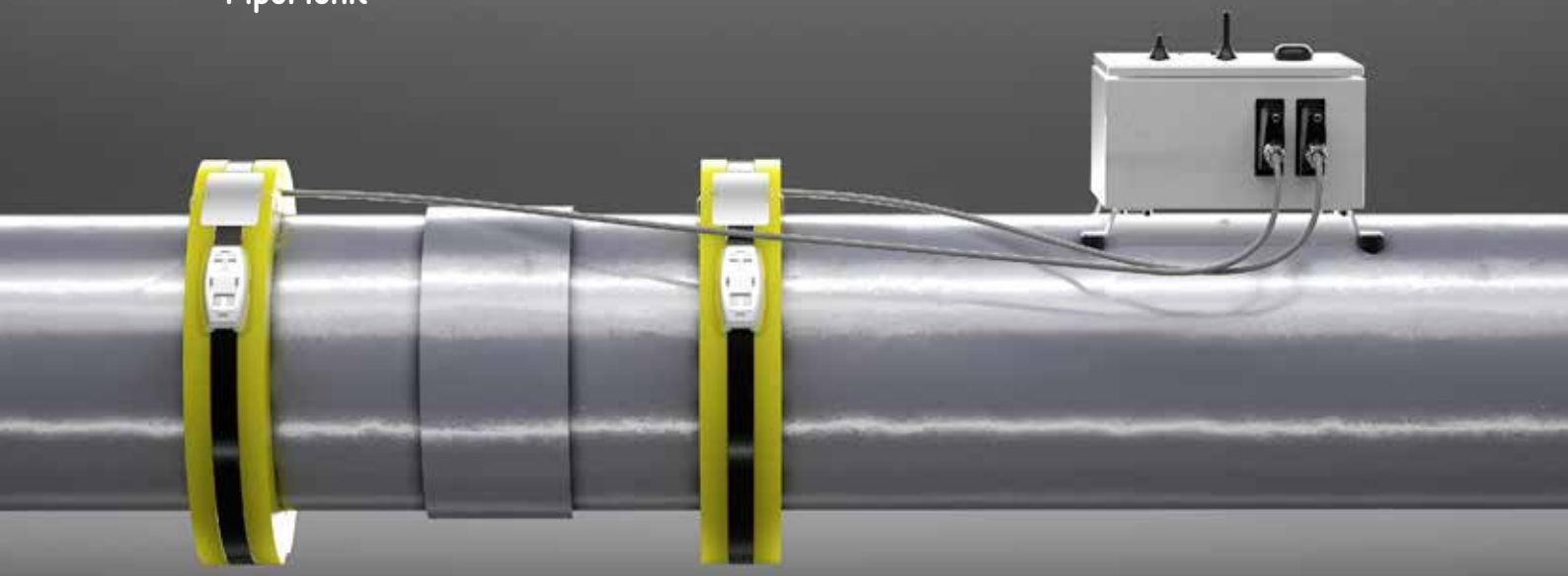
PipeMonit®



PipeMonit® Controller

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Sensorlink

PipeMonit® Controller

Controller

PRODUCT SPECIFICATIONS

TECHNICAL DATA	PipeMonit® Controller	PipeMonit® Controller Ex	PipeMonit® Extender kit
UT channels	1 to 32	1 to 12	NA
Operating temperature	-40 to +70 °C (-40 to +158 °F)	-40 to +70 °C (-40 to +158 °F)	-40 to +70 °C (-40 to +158 °F)
Repeatability (standard deviation)	2.5 µm (0.1 mils)	2.5 µm (0.1 mils)	NA
Absolute accuracy	0.1 mm (4 mils)	0.1 mm (4 mils)	NA
Non-intrusive	Yes	Yes	NA
Dimensions (WxHxD)	200x300x150 mm	200x300x150 mm	200x300x150 mm
Weight	3 kg	5 kg	2.5 kg
Cable length (Sensorbelt)	< 5 m	< 5 m	NA
Cable length (RS485)	< 1000 m	< 1000 m	< 1000 m
Cable length (USB)	< 1.5 m	NA	< 1.5 m
Material	316SS	316SS	316SS
Protection	IP67	IP67	IP67
ATEX	No	Ex II 2 G Ex ib IIB T4 Gb	NA

ELECTRICAL DATA			
Power supply	9-36 VDC	15 VDC	NA
Typical power consumption	< 2.5 W	< 2.5 W	NA
Communication options	USB 3.0, RS 485	RS 485	USB 3.0, RS 485

PipeMonit unit compatibility	PDL (Portable Data Logger),	FDL Ex (Field Data Logger Ex),	PDL (Portable Data Logger),
	FDL (Field Data logger),	Sensor Belt (ATEX)	FDL (Field Data logger),
	Extender Kit,		Controller
	Sensor Belt		

SUMMARY DATA

The PipeMonit® Controller processes the analog UT signals and is the interface between the Data Logger and the Sensor Belt. The Controller is hardwired to the Sensor Belt and to the Data Logger. Maximum cable length between the Controller and the Sensor Belt is 5 meters and between the Controller and the Data Logger (FDL or PDL) the cable length is limited to 1000 meters.
The Controller comes in a SS IP 66 housing, or it may be integrated in the FDL housing if the FDL is installed less than 5 meters from the Sensor Belt.

If the Sensor Belt is operated by a PDL (Portable Data Logger), the PDL plugs into the Controller using an USB cable. If the PDL or FDL connection point needs to be more than 5 meters away from the Sensor Belt, a PipeMonit Extender Kit is hardwired to the Controller with a 2 pair instrument cable (< 1000 meters).
For PDL operation, the Extender Kit is terminated in an IP66 SS containing an USB interface for the PDL.
For FDL operation the instrument cable is terminated in the FDL housing.

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