product news

Head transmitter – a thing of the past. Temperature plug – the future.



Type TP: Modular transmitter – great benefit.

Small, light housing with M12 connections.

Reduced mounting complexity and error sources.

Scalable Pt100 / Pt1000 evaluation from -50...300 °C.

Status LED signals the operating status.

Full potting and ecolink M12 technology guarantee high vibration resistance.



Minimised installation and error sources.

Because of the use of two standardised M12 connections, the installation complexity of the TP temperature plug is reduced to a minimum as compared to a common head / DIN rail transmitter. Furthermore, error sources such as cable clamps are eliminated.

Versatile use.

Thanks to 4-wire Pt100 / Pt1000 evaluation, the transmitter can also be connected to a Pt element using connection cables. Due to its small size, it is also suited for harsh applications, because it can be installed in a safe position.

In addition the scalability of the TP between -50...300 °C, using the USB interface E30396 allows individual adapta tion of the measuring range to almost any application.







Temperature sensors



Dimensions

2010 9

to make technical alterations without prior notice

the right

. Ou article



1) Connection for voltage supply and output signals 2) Connection for temperature sensor

Wiring diagram



2) Four-wire sensor3) Operation as 2-wire temperature transmitter

4) Operation as 3-wire unit, IO-Link communication possible 7511392 B) Link



Accessories sensors (extract)

Description	Order no.
Probe sensors	
Pt100 probe sensor, Ø 10 mm, L = 160 mm	TT1081
Pt100 probe sensor, Ø 10 mm, L = 260 mm	TT2081
Pt100 probe sensor, Ø 10 mm, L = 360 mm	TT3081
Pt100 probe sensor, Ø 10 mm, L = 560 mm	TT5081
Cable sensors	
Pt100 bolt-on sensor for M6, 32 x 12	TS2229
Pt100 cable sensor, Ø 10 mm, 2 m cable	TS2056
Pt100 cable sensor, Ø 6 mm, 2 m cable	TS2256
Pt100 screw-in sensor, M6, 2 m cable	TS2659

Accessories

Туре	Description	Order no.
C.D	USB IO-Link interface	E30396

Sockets (extract)

Туре	Description	Order no.
~	Socket, M12, 2 m orange, PVC cable	EVT067
	Socket, M12, 5 m orange, PVC cable	EVT004
she	Socket, M12, 2 m black, PUR cable	EVC004
	Socket, M12, 5 m black, PUR cable	EVC005

Connection cables (extract)

Туре	Description	Order no.
	Connection cable, M12, 2 m orange, PVC cable	EVT043
e a	Connection cable, M12, 5 m orange, PVC cable	EVT050
20	Connection cable, M12, 2 m black, PUR cable	EVC013
a cha	Connection cable, M12, 5 m black, PUR cable	EVC034

🗿 ifm electronic – ¢(ose +o you!