HYDRAULICS

Pressure and temperature monitoring solutions





Pressure and temperature monitoring for hydraulic applications

Applications in mobile and stationary hydraulics are among the most demanding in terms of robust and reliable sensor requirements. Trafag pressure transmitters are used in applications from high accuracy test benching to heavy construction and agricultural equipment. They are proven for long term stability in extremely harsh environments from the dusty heat of deserts to the icy cold of sub-arctic forests. The reliable pressure transmitters with great long-term stability are highly prized for stationary hydraulics as well, for they avoid costly production interruptions.

Agricultural and forestry machines

Tractors, harvesting machines, transport machines

Renewable energies

Rotor control in wind power plants, solar tracking for photovoltaic systems

Construction machines

Excavators, mobile cranes, concrete pumps and mixers

Communal and special vehicles

Garbage collection, heavy transporters, firefighting vehicles

Machine and plant construction

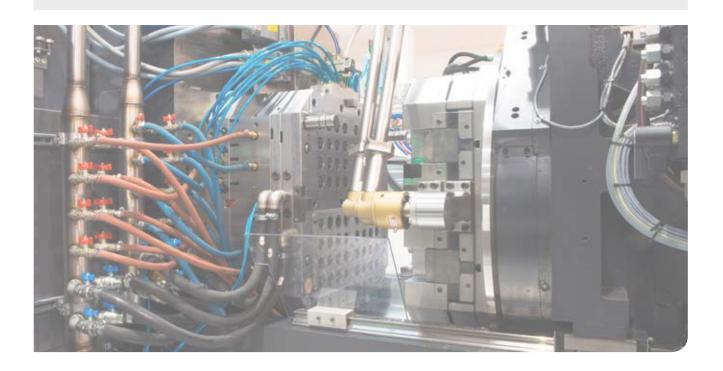
Injection moulding machines, forming presses, stretch-blow machines

Test and inspection installations

Chassis test benches, material inspection systems, inspection of hydraulic components

Hydraulic components and subsystems

Valve block systems, power packs, tank monitoring



Products overview

Pressure tra	ansmitters		
NAT 8252	distr	Industrial pressure transmitter www.trafag.com/H72303	Compact and robust all-rounder with many design variants and options. First choice for standard applications with electric connection M12x1, industry standard or Deutsch DT04-3pole/-4pole.
NAH 8253	A W	Precision pressure transmitter www.trafag.com/H72300	For applications in which high precision or absolute pressure measurement is required together with unusually high long-term stability. Optionally available with increased electric strength of 500 VAC.
NAH 8254	diff.	Pressure transmitter with increased accuracy www.trafag.com/H72304	For applications in which an increased precision is required or for standard applications with increased operating temperatures.
EPI 8287	10 m	Industrial pressure transmitter www.trafag.com/H72317	Robust all-rounder with many design variants and options. First choice for standard applications with electric connection EN 175301-803-A or when an AISI316L steel housing is desired.
EPN/EPNCR 8298	57	Engine pressure transmitter www.trafag.com/H72312	For high pressures up to 2500 bar.
ECT 8472	A 1	Industrial pressure transmitter www.trafag.com/H72324	If absolute pressure measurement is required or in contact with corrosive media (with housing options in various steel variants or titanium).
ECT 8473	1	Industrial pressure transmitter with increased accuracy www.trafag.com/H72326	For low pressure applications, absolute pressure measurements with increased precision and in contact with corrosive media.
CMP 8270	A TO	CANopen Miniature transmitter www.trafag.com/H72614	With CANopen output signal, available in various precision classes up to 0.1 %, absolute and relative pressure measurement, measurement ranges from 0.2 to 600 bar.
NAH 8254 20 kHz	di di	Pressure transmitter for highly dynamic pressure curves www.trafag.com/H70604	For measurement of highly dynamic pressure curves and short-term pressure peaks with a signal cut-off frequency of 20 kHz.
FPT 8235	(A)	Flush membrane transmitter www.trafag.com/H72316	For applications with viscous or clogging media.



Products overview

Level mea	Level measurement		
ECL 8439		Submersible pressure transmitters www.trafag.com/H72336	Level probe for hydrostatic measurement of fill levels with 0.1 to 2 bar, measurement ranges configurable using smartphone app.
TFC		Float level sensor www.trafag.com/H20040	Float sensor for measurement of fill levels up to 2 m.
TFS		Float level switch www.trafag.com/H20041	Float switch for fill levels up to 2 m.

Electronic	Electronic pressure switches and transmitters		
DPS 8381		Pressure switch with display and steel sensor www.trafag.com/H72321	First choice for pressure measurement with display. Continuous analog signal as well as 1 to 2 switch outputs can be parameterized with app via NFC.
DPC 8380	₩.	Pressure switch with display and ceramic sensor www.trafag.com/H72320	For applications with absolute pressure measurement, low pressures or contact with corrosive media. Continuous analog signal as well as 1 to 2 switch outputs can be parameterized with app via NFC.
NAT 8252	The state of the s	Industrial Pressure Switch www.trafag.com/H72303	Compact, robust electronic pressure switch. Can be parameterized using SMI and smartphone app. First choice for standard applications.
NAH 8254	di di	Pressure switch with increased accuracy www.trafag.com/H72304	For applications in which an increased precision is required of for standard applications with increased operating temperatures. Can be parameterized using SMI and smartphone app.
EPN-S 8320	A Property of the Park of the	Electronic Pressure Switch www.trafag.com/H72333	For applications with electrical connection EN 175301-803-A and special applications. Factory-set switch point or programmable on site with Trafag Sensor Communicator SC.

Products overview

Mechanica	Mechanical Pressure Switches		
PST4B 9B4		Pressure switch with bellow sensor www.trafag.com/H72367	For low pressure ranges and pulsation-free pressure curves. Gas-tight variants available.
PST4K 9K4		Pressure switch with piston sensor www.trafag.com/H72369	For high pressure ranges and pressure curves with pulsations.
PST4M 9M4		Pressure switch with membrane sensor www.trafag.com/H72368	For medium pressure ranges and pressure curves with pulsations.

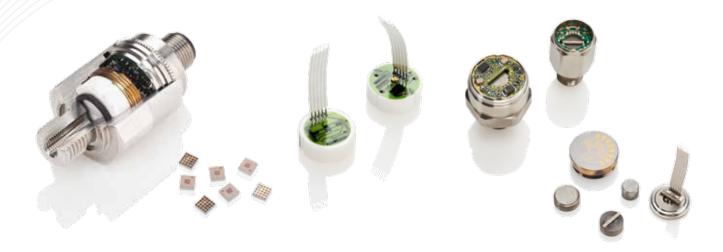
Temperatu	Temperature measurement and monitoring		
DTP 8180		Temperature switch with display www.trafag.com/H72352	Electronic temperature transmitter/switch with display. Continuous analog signal as well as 1 to 2 switch outputs can be parameterized with app via NFC.
ISP/ISPT 474	SPT 474	Compact thermostat	Thermostat in block construction with switch output.
	M	www.trafag.com/H72113	

Accessorie	S		
CAN2USB	S	CANopen Configuration tool	Interface with PC software for analysis and configuration of the CANopen pressure transmitter CMP 8270.
		www.trafag.com/H70696	
SMI		Sensor Master Interface	For configuration of the electronic pressure switch NAT 8252 and NAH 8254 as well as the level sensor ECL 8439.
		www.trafag.com/H72618	
SC		Sensor Communicator	For configuration of the pressure transmitter NAH 8253, EPN/EPNCR 8298, CMP 8270 and of the electronic pressure
		www.trafag.com/H73699	switch EPN-S 8320.



Sensor technology

Key components of Trafag pressure transmitters are pressure sensors based on thin-film-on-steel technology (welded design without O-ring) or thick-film-on-ceramic technology. Both sensor technologies come from Trafag's own production and were developed in-house together with the ASIC (application-specific microchip). As a result, pressure sensors and electronics work in perfect partnership and achieve a unique level of long-term stability and reliability, even under the most adverse environmental conditions.



NAT 8252

Industrial Pressure Transmitter



Technical Data	
Measuring principle	Thin-film-on-steel
Measuring range	0 2.5 to 0 600 bar 0 30 to 0 7500 psi
Output signal	4 20 mA, 0.5 4.5 VDC, 0 5 VDC, 1 5 VDC, 1 6 VDC, 0 10 VDC, 1 10 VDC, 0.1 10.1 VDC, 0.5 4.5 VDC ratiometric
Accuracy @ 25°C typ.	± 0.5 % FS typ.
Media temperature	-40°C +125°C
Ambient temperature	-40°C +125°C

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Data sheet

www.trafag.com/H72303

NAH 8253

Precision pressure transmitter



Features

- Accuracy classes 0.1%, 0.15%, 0.3%
- Relative and absolute pressure measurement
- Optional: 500 VAC dielectrical strength

Technical Data	
Measuring principle	Thin-film-on-steel
Measuring range	0 2.5 to 0 600 bar 0 30 to 0 7500 psi
Output signal	4 20 mA, 0 5 VDC, 1 6 VDC, 0 10 VDC, 0.5 4.5 VDC ratiometric
Accuracy @ 25°C typ.	± 0.3 % FS typ. ± 0.15 % FS typ. ± 0.1 % FS typ.
Media temperature	-40°C +125°C
Ambient temperature	-40°C +125°C



Data sheet

www.trafag.com/H72300



Sensor Communicator SC see page 22

NAH 8254

Pressure transmitter with increased accuracy



Features

- Measuring accuracy 0.3 %
- Excellent long-term stability
- Optional: 5-fold overpressure resistance

Technical Data	
Measuring principle	Thin-film-on-steel
Measuring range	0 0.2 to 0 600 bar 0 3 to 0 7500 psi
Output signal	4 20 mA, 0.5 4.5 VDC, 0 5 VDC, 1 5 VDC, 1 6 VDC, 0 10 VDC, 1 10 VDC, 0.1 10.1 VDC, 0.5 4.5 VDC ratiometric
Accuracy @ 25°C typ.	± 0.3 % FS typ.
Media temperature	-40°C +125°C
Ambient temperature	-40°C +125°C



Data sheet



EPI 8287

Industrial pressure transmitter



Features

- Accuracy classes 0.3%, 0.5%
- Optional: 5-fold overpressure resistance
- Optionally with housing material AISI316L

Technical Data	
Measuring principle	Thin-film-on-steel
Measuring range	0 2.5 to 0 600 bar 0 30 to 0 7500 psi
Output signal	4 20 mA, 0 5 VDC, 1 6 VDC, 0 10 VDC, 0.5 4.5 VDC ratiometric
Accuracy @ 25°C typ.	± 0.5 % FS typ. ± 0.3 % FS typ.
Media temperature	-40°C +125°C
Ambient temperature	-40°C +125°C



Data sheet

www.trafag.com/H72317

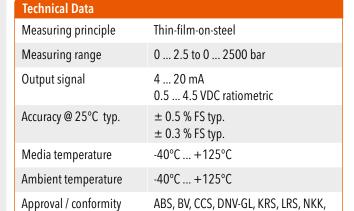
EPN/EPNCR 8298

Engine pressure transmitter



Features

- Nominal pressure up to 2500 bar (Common Rail) with high pressure threaded connection
- High vibration resistance



RINA, RMRS



Data sheet

www.trafag.com/H72312



Sensor Communicator SC see page 22

ECT 8472

Industrial pressure transmitter



Features

- Excellent media compatibility
- Relative or absolute pressure measurement
- Titanium version optional
- Frontal membrane optional

Technical Data	
Measuring principle	Thick-film-on-ceramic
Measuring range	0 1 to 0 400 bar 0 15 to 0 5000 psi
Output signal	4 20 mA, 0 5 VDC, 1 6 VDC, 0 10 VDC, 0.5 4.5 VDC ratiometric
Accuracy @ 25°C typ.	± 0.5 % FS typ.
Media temperature	-25°C +125°C 400 bar/5000 psi: -10°C +125°C
Ambient temperature	-25°C +125°C



Data sheet

www.trafag.com/H72324

ECT8473

Industrial pressure transmitter with increased accuracy



Features

- Measuring ranges from 100 mbar
- Excellent media compatibility
- Relative or absolute pressure measurement
- Titanium version optional
- Frontal membrane optional

Technical Data	
Measuring principle	Thick-film-on-ceramic
Measuring range	0 0.1 to 0 40 bar 0 1.5 to 0 500 psi
Output signal	4 20 mA, 0 5 VDC, 1 6 VDC, 0 10 VDC, 0.5 4.5 VDC ratiometric
Accuracy @ 25°C typ.	± 0.3 % FS typ. (± 0.5 % FS typ., ± 1 % FS typ.)
Media temperature	-25°C +125°C
Ambient temperature	-25°C +125°C



Data sheet



CMP 8270

CANopen miniature pressure transmitter



Technical Data	
Measuring principle	Thin-film-on-steel
Measuring range	0 0.2 to 0 600 bar 0 3 to 0 7500 psi
Output signal	Bus protocol CANopen DS404
Accuracy @ 25°C typ.	± 0.5 % FS typ. ± 0.15 % FS typ. ± 0.1 % FS typ.
Media temperature	-50°C +135°C
Ambient temperature	-40°C +125°C

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Data sheet

www.trafag.com/H72614

NAH 8254 20 kHz

Optional: 500 VAC dielectrical strength

Pressure transmitter for highly dynamic pressure curves



Features

- Cut-off frequency 20 kHz
- For highly dynamic pressure curves
- Analogue signal processing
- Measuring accuracy 0.3 %
- Excellent long-term stability

Technical Data	
Measuring principle	Thin-film-on-steel
Measuring range	0 0.2 to 0 600 bar 0 3 to 0 7500 psi
Output signal	4 20 mA, 0.5 4.5 VDC ratiometric
Accuracy @ 25°C typ.	± 0.3 % FS typ.
Media temperature	-40°C +125°C
Ambient temperature	-40°C +125°C



Flyer

www.trafag.com/H70604

FPT 8235

Flush membrane transmitter



Features

- Flush membrane with smooth and plain surface
- Completely welded sensor system
- Accuracy NLH 0.1% FS typ.Excellent long-term stability

Technical Data	
Measuring principle	Thin-film-on-steel
Measuring range	0 1 to 0 100 bar 0 15 to 0 1500 psi
Output signal	4 20 mA, 0 5 VDC, 1 6 VDC, 0 10 VDC
Accuracy @ 25°C typ.	± 0.4 % FS
Media temperature	-40°C +125°C
Ambient temperature	-40°C +85°C



Data sheet



ECL 8439

Submersible pressure transmitter



Technical Data	
Measuring principle	Thick-film-on-ceramic
Measuring range	0 0.1 to 0 2.0 bar 0 1.5 to 0 30 psi
Output signal	4 20 mA
Accuracy @ 25°C typ.	\pm 0.3 % FS typ. Range 0 0.1 to 0 0.2 bar: \pm 0.5 % FS typ.
Media temperature	max25°C +70°C
Ambient temperature	max25°C +70°C



Data sheet

www.trafag.com/H72336

Configuration of the measuring ranges

Sensor Master Interface SMI

Lightning protection integratedConfigurable measuring ranges



Technical Data	
Ambient temperature	0°C +40°C
Supply voltage	5 VDC, ±0.25, 1 A (Supply via USB interface)
Protection	IP20
Storage temperature	-10°C +50°C
Dimensions	LxWxH: 120x76x27 mm
Communication SMC/SMI	via Bluetooth LE
Operation Interface	via Android App "Sensor Master Communicator SMC"

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Data sheet

www.trafag.com/H72618

TFC

Float level sensor

Features

- Measuring resolution 5, 10, 20 mm
- Analogue output 4 ... 20 mA, 0 ... 5 VDC, 0 ... 10 VDC
- Optional: Temperature sensor PT1000
- Protection IP65



Parameters			
Туре	TFCO	TFCS	TFCP
Float	Spansil – Butadiene – Acrylonitrile Copolymer	Stainless steel AISI316	PVDF - PP - PVC
Ambient temperature	-30 + 55°C	-30 + 55°C	-30 + 55°C
Media temperature	to 105°C, optional 120°C	to 105°C, optional 150°C	to 130°C (PVDF) to 90°C (PP) to 60°C (PVC)
Working pressure 1)	max. 20 bar	max. 50 bar	max. 6 bar (PVDF or PVC) max. 3 bar (PP)

¹⁾ Depending on float type



Data sheet

www.trafag.com/H20040

TFS

Float level switch

Features

- Up to 6 switch points
- Protection IP65
- Optional: Temperature sensor PT1000 or thermostat
- Potted electrical contacts



Parameters			
Туре	TFS0	TFSS	TFSP
Float	Spansil – Butadiene – Acrylonitrile Copolymer	Stainless steel AISI316	PVDF – PP – PVC
Ambient temperature	-30 + 55°C	-30 + 55°C	-30 + 55°C
Media temperature	to 105°C, optional 120°C	to 105°C, optional 150°C or 180°C	to 130°C (PVDF) to 90°C (PP) to 60°C (PVC)
Working pressure 1)	max. 20 bar	max. 50 bar	max. 6 bar (PVDF or PVC) max. 3 bar (PP)

¹⁾ Depending on float type

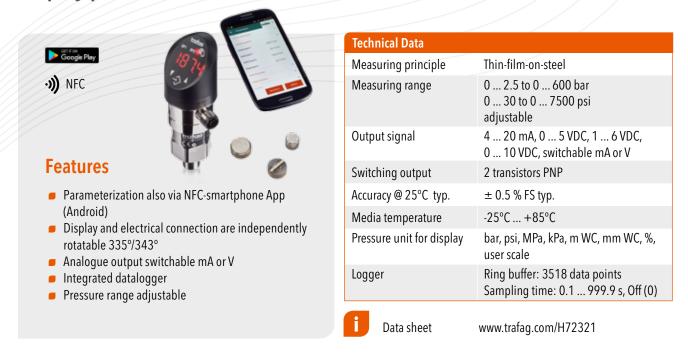


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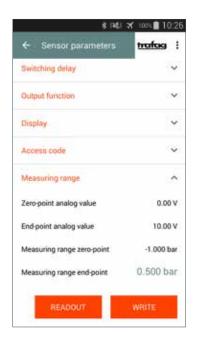
DPS 8381

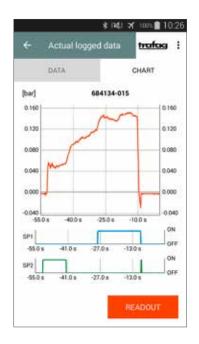
Display pressure switch and transmitter



Configuration App Trafag Sensor Master

With the free Android app "Trafag Sensor Master", available in the Google Play Store, the parameters of the Trafag display pressure switches DPS 8381, DPC 8380 and of the temperature switch DTP 8180 can be set very simple through a smartphone. In addition to a variety of parameters for the switchpoints, the measurement range can be scaled. Communication is conducted via the NFC interface on the display. Through this interface, the measurement values of the internal data logger can also be read out and then processed further via smartphone.





DPC 8380

Display pressure switch and transmitter



Technical Data	
Measuring principle	Thick-film-on-ceramic
Measuring range	0 0.2 to 0 100 bar 0 2.5 to 0 1500 psi adjustable
Output signal	4 20 mA, 0 5 VDC, 1 6 VDC, 0 10 VDC, switchable mA or V
Switching output	2 transistors PNP
Accuracy @ 25°C typ.	± 0.5 % FS typ.
Media temperature	-25°C +85°C
Pressure unit for display	bar, psi, MPa, kPa, m WC, mm WC, %, user scale
Logger	Ring buffer: 3518 data points Sampling time: 0.1 999.9 s, Off (0)

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Data sheet

www.trafag.com/H72320

DTP 8180

Temperature switch and transmitter



Technical Data	
Measuring principle	PT 1000, DIN EN 60751 class A, 2 conductors
Measuring range	-50°C +150°C / -58°F 302°F adjustable 50 100 % FS
Output signal	4 20 mA, 0 5 VDC, 1 6 VDC, 0 10 VDC, switchable mA or V
Switching output	2 transistors PNP
Accuracy @ 25°C typ.	± 0.5 % FS typ.+ temperature sensor error
Temperature unit for display	°C, °F, K
Logger	Ring buffer: 3518 data points Sampling time: 0.1 999.9 s, Off (0)





NAT 8252

Industrial pressure switch



Features

- 1 or 2 PNP transistors
- Parameterization via smartphone App (Android)
- Switching current up to 400 mA
- Excellent long-term stability
- Optional: 5-fold overpressure resistance

Technical Data	
Measuring principle	Thin-film-on-steel
Measuring range	0 2.5 to 0 600 bar 0 30 to 0 7500 psi
Output signal	Switching output: 1 or 2 PNP transistors
Accuracy @ 25°C typ.	± 0.5 % FS typ.
Media temperature	-40°C +125°C
Ambient temperature	-40°C +125°C



Data sheet

www.trafag.com/H72303

Setting the switching points

Sensor Master Interface SMI



Technical Data	
Ambient temperature	0°C +40°C
Supply voltage	5 VDC, ±0.25, 1 A (Supply via USB interface)
Protection	IP20
Storage temperature	-10°C +50°C
Dimensions	LxWxH: 120x76x27 mm
Communication SMC/SMI	via Bluetooth LE
Operation Interface	via Android App "Sensor Master Communicator SMC"

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Data sheet

www.trafag.com/H72618

NAH 8254

Pressure switch with increased accuracy





Features

- Switching accuracy 0.3 %
- 1 or 2 PNP transistors
- Parameterization via smartphone App (Android)
- Switching current up to 400 mA
- Optional: 5-fold overpressure resistance

Technical Data	
Measuring principle	Thin-film-on-steel
Measuring range	0 0.2 to 0 600 bar 0 3 to 0 7500 psi
Output signal	Switching output: 1 or 2 PNP transistors
Accuracy @ 25°C typ.	± 0.3 % FS typ.
Media temperature	-40°C +125°C
Ambient temperature	-40°C +125°C



Data sheet

www.trafag.com/H72304



Sensor Master Interface SMI

EPN-S 8320

Electronic pressure switch



Features

- Rugged design for harsh environments
- Wide temperature range
- Excellent long-term stability
- Very compact design
- Switchpoint factory set or programmable on site with Trafag Sensor Communicator SC

		حلعلف





Ambient temperature

Approval / conformity

www.trafag.com/H72333

-40°C ... +125°C

DNV-GL, RMRS



Sensor Communicator SC see page 22



PST4B 9B4

Picostat Pressure switch with bellow sensor







Features

- Improved vibration resistance
- For low pressure ranges
- High repeatability

Technical Data	
Measuring principle	Bellow
Measuring range	-0.6 3.4 to 4 40 bar -8 45 to 60 500 psi
Output signal	1 Floating change-over contact (SPDT)
Switching differential	Not adjustable
Repeatability	± 0.5 % FS typ.
Media temperature	Standard: -25°C +125°C sensor 789/790/791: -40°C +125°C
Approval / conformity	ABS, BV, CCS, DNV-GL, GL, KRS, LR, NKK, RINA, RMRS EN60730-1/ EN60730-2-6: Typ 2.B.H



Data sheet

www.trafag.com/H72367

PST4K 9K4

Picostat Pressure switch with piston sensor







Features

- High pressure ranges
- Robust even with pulsating pressure curves

Technical Data	
Measuring principle	Piston
Measuring range	1 10 to 40 400 bar 14 150 to 580 5800 psi
Output signal	1 Floating change-over contact (SPDT)
Switching differential	Not adjustable
Repeatability	± 1.0 % FS typ.
Media temperature	-25°C +125°C
Ambient temperature	-25°C +85°C
Approval / conformity	ABS, BV, CCS, GL, KRS, LRS, RINA, EN60730-1/ EN60730-2-6: Typ 2.B.H



Data sheet

www.trafag.com/H72369

PST4M 9M4

Picostat Pressure switch with membrane sensor







Features

- For medium pressure ranges
- Robust even with pulsating pressure curves

Technical Data	
Measuring principle	Membrane
Measuring range	1 10 to 10 100 bar 14 150 to 150 1500 psi
Output signal	1 Floating change-over contact (SPDT)
Switching differential	Not adjustable
Repeatability	± 2.0 % FS typ.
Media temperature	0°C +80°C
Ambient temperature	0°C +80°C
Approval / conformity	ABS, BV, CCS, GL, KRS, LRS, RINA, EN60730-1/ EN60730-2-6: Typ 2.B.H



Data sheet

www.trafag.com/H72368

ISP/ISPT 474

Picotherm Thermostat



Technical Data	
Measuring range	+5°C +95°C to +20°C +150°C
Output signal	Floating change-over contact
Switching differential	Not adjustable
Repeatability	± 1 % FS typ.
Approval / conformity	Marine EU RO MR Type Approval

Features

- Compact design
- Rugged housing
- High repeatability
- Protection IP65
- Any mounting position possible



Data sheet



SMI

Sensor Master Interface



Technical Data	
Ambient temperature	0°C +40°C
Supply voltage	5 VDC, ±0.25, 1 A (Supply via USB interface)
Protection	IP20
Storage temperature	-10°C +50°C
Dimensions	LxWxH: 120x76x27 mm
Communication SMC/SMI	via Bluetooth LE
Operation Interface	via Android App "Sensor Master Communicator SMC"

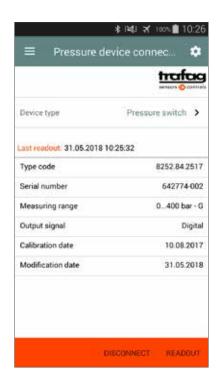


Data sheet

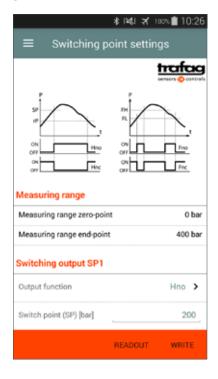
www.trafag.com/H72618



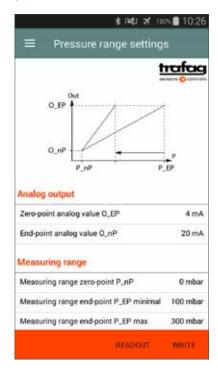
Reading out device data



Parameterization of switching points on NAx pressure switches



Measuring range adjustment on submersible pressure transmitter ECL



CAN2USB

CANopen configuration tool



Features

- Configuration of Trafags pressure transmitter CMP 8270 via USB
- Easy to use visual user interface
- Integrated datalogger
- Complete set availabe at Trafag AG
- System requirements: Windows 7, Windows 8, Windows 10, USB 2.0 or higher

Technical Data

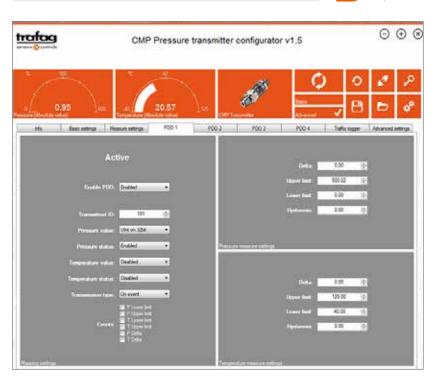
Configuration of CANopen devices is hard for non-experts. Most available software is developed for experts with much background knowledge and experience in programming such devices. Neither the software user interface nor the interface hardware, such as plugs and adapters, are designed for occasional users.

The CMP CANopen Configuration tool, developed and produced for Trafag CMP 8270 CANopen pressure transmitter, is the perfect solution for this: Easy-to-use software interface and a USB-to-CANopen dongle. It allows configuration of all CANopen parameters and access to the complete object dictionary. Live display of the actual measurements of pressure and temperature and an integrated logger with export function offers easy monitoring of the CANopen bus communication.



Flyer

www.trafag.com/H70696



Content of delivery:

- CAN2USB adapter
- Cable from adapter to USB
- T-connector M12 F-F-M
- Terminator 120 Ω
- USB Memory stick with software and manual for CAN2USB and CMP 8270

Recommended accessory (not included):

- CMP0.6M: CANopen Pressure Transmitter 8270 CMP with pressure range 0 ... 0.6 bar
- C29161: Pressure applicator





SC

Sensor Communicator



Features

- Read out of sensor data
- Adjustment of set point or zero point and span
- Real time pressure measuring
- Software update and battery charge with USB-interface

Technical Data

- Identification of device data: Model, signal output, type plate, manufacturing date
- Setting of switchpoint (8320 EPN-S)
- CANopen: Setting of Node-ID and baudrate
- Reset to factory settings

Content of delivery:

- 1 pce SC incl. batteries
- 1 pce USB-cable
- 1 pce Measuring bridge cable
- Adapter cable for corresponding device types can be ordered separately



Instruction

www.trafag.com/H73699 en

DVB

Diagnostic valve block



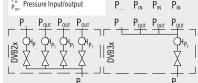
Features

 Function tests during operation (no interruption necessary) with stop valve and test connection

Technical Data

Ambient temperature

Pressure -0.8 ... 100 bar



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Data sheet

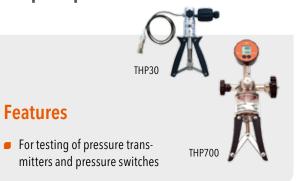
www.trafag.com/H72361

-20°C ... +120°C

THP...

Hand pump

Features



Technical Data	
Connection	G1/4" female

Standard products (extra short lead time)		
Product No	Range [bar]	
THP30	-0.85 +25	
THP700	0 700	Resolution 0.2 bar

V6/V7

Stop valve

Features

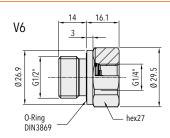


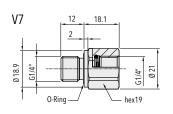
 Allows replacement of instruments without interruption of process (max. 40 bar)

Technical Data	
Material	1.4305 / FKM
Pressure	max. 600 bar
Media temperature	-25°C +125 °C

Data sheet www.trafag.com/H72258

Standard products (extra short lead time)			
Product No		Connection	
V6	For water, air, light-crude, heavy oil	G1/2" male - G1/4" female	
V7	For water, air, light-crude, heavy oil	G1/4" male - G1/4" female	







Subject to change H70187c Trafag AG 02/2019

Reliable quality





Headquarters

Switzerland

Subsidiaries

Austria Czech Republic France Germany **Great Britain** India Italy Japan

Poland (Joint Venture) Russia (Joint Venture)

Spain USA

Representatives

Australia Belgium Brazil Canada China Colombia Croatia Cyprus Denmark Estonia **Finland**

Greece Hungary Iceland Indonesia Israel Korea Malaysia Netherlands New Zealand Norway

Philippines

Portugal Romania Singapore South Africa Sweden Taiwan Thailand Turkey Ukraine

United Arab Emirates Vietnam

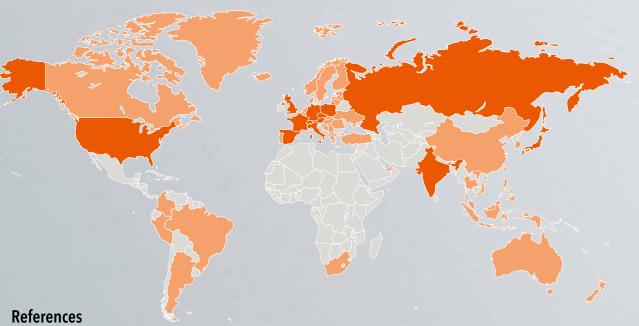


ABB | AIT | AKG | Alstom | Areva T&D | Atos | AVL | Benninghoven | Bharat Heavy Electrical | Blohm & Voss | Bombardier | Bosch Rexroth | BMW Rolls-Royce Bühler | Caterpillar | Charmilles | CRRC | Dalian Marine Diesel Ltd. | Detroit Diesel | Deutsche Bahn AG | Doosan Group | Dräger | Electrolux | Elektrobudowa S.A. Faiveley | Fincantieri | Flender | Goninan | Greenfield | G&W | Hermetic Pumpen | Roche | Hudong Heavy Machinery | Hyundai Heavy Industries| | IAV Ingersoll Rand | Iveco | KOMA | MAN | B&W | Melag | Mitsubishi | MTU | Noske-Kaeser | Oilon | Ormat Turbines | Parker | PESA | Philips | PKN Orlen S.A. PMC | Polarteknik | Promeco | Queensland Rail | Reintjes | Renk | Rolls-Royce | Schindler | Schneider Electric | Schottel | Sciteq-Hammel | Siemens | SNCF STX Heavy Industries | Thermax Limited | Toshiba | Trumpf | Verolme Shipyard | Vesta | Viessmann | Voith | Wärtsilä | Westfalia Separator | W&H Yichang Marine Diesel Ltd. 1 York 1 ZF Marine

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