ASHCROFT®

Trust the shield.®



TRANSMITTER

/ CONNECT

**TO CONNECT MEANS TO COMMUNICATE.
COMMUNICATING LETS YOU UNDERSTAND.
UNDERSTANDING ALLOWS TO CONTROL.**

As high-precision measuring instruments, Ashcroft® process transmitters are THE “sensory cells” in industrial plants & applications.
Their high-precision perception and translation into transmittable signals for further processing enable control & action. Accuracy and reliability of these pulse generators are therefore a basic requirement for the functioning of the entire “organism”.



The more precise the perception and the more precise the communication, the greater the understanding and the better the control. We know about this responsibility and accept it: With expertise and experience, excellent measuring instruments and unconditional customer orientation.

MEASURE US BY IT!

TRANSMITTER



THIS IS ASHCROFT

DEVELOPMENT FROM TRADITION

When Edward Ashcroft founded our company in 1852, his mission was to protect the steam-powered industry and its workers by using more sophisticated and reliable instruments. Times have changed, but not our attitude. With a history of more than 165 years, of which more than 40 years with our own production in Europe, we have experienced and learned a lot. Together with our customers, we have mastered three industrial revolutions, survived global and regional conflicts and crisis's. We look forward to accompanying our customers with our products in the fourth industrial revolution as well.

GLOBAL - REGIONAL - LOCAL

Globally positioned - regionally represented and personally locally available for you. With personal local contacts who speak your language and are ready to solve your challenges.

OUR GREATEST STRENGTH

All of Ashcroft's products and services are the result of our exceptional people. We are all passionate about our common goal, the best customer satisfaction. Ashcroft is inspired of a common commitment to our work and to each other. Combining the talents of our diverse workforce makes us more competitive, resilient and better able to respond to the ever-changing needs of our customers and markets.

OUR MOTIVATION

As a customer and partner, you are the focus of our attention. We are passionate about designing and producing the most innovative, high quality pressure and temperature measuring instruments on our planet.

OUR VALUES

Our five corporate values are not abstract, but are lived by us, and every Ashcroft employee bases his or her daily actions on them.



THINK CUSTOMER FIRST

Every measure, every plan and every project is aimed first and foremost at you, our customer. We see the world through your eyes.

NEVER SETTLE / CHALLENGE THE STATUS QUO

What was true yesterday is not necessarily true today. At Ashcroft, we challenge each other to never be indifferent, to keep improving ourselves and the company.

RESPECT EACH OTHER

We celebrate our diversity, share our ideas and intensify our collective thinking. We act and discuss in mutual respect and thus find better solutions.

THINK BEYOND BORDERS

Across geographical borders. Beyond the factory. Beyond your own area of responsibility. Beyond the personal comfort zone.

WIN AS A TEAM

The common goal is more important to us than our own.

FEEL

TRANSMIT

/ ASHCROFT TRANSMITTER

THINK ALONG

COMMUNICATE

TRANSMITTER

/ ASHCROFT TRANSMITTER

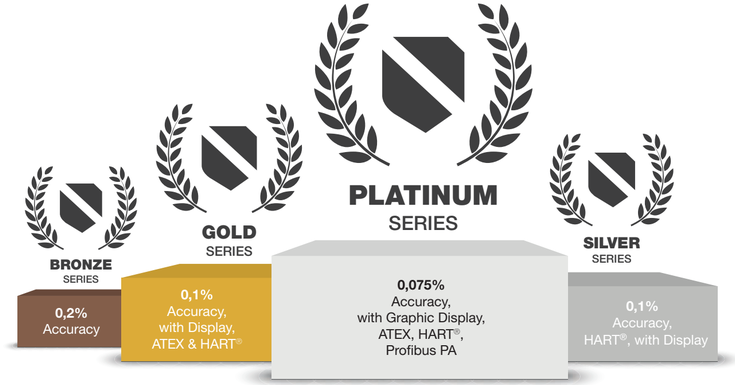
Industry and competitive sports have a lot in common:
In competition, mastering one's own discipline is a basic requirement.
In order to assert oneself - and to call upon one's own performance in the long term - outstanding preparation, attention to detail, continuous improvement and equally irrepressible willingness to perform are required.

In this respect, the awarding of „precious metal" medals in sport is not just a reward, but also proof of outstanding work.

This is the standard that we at Ashcroft pursue and live by in the development of our measuring instruments. Our goal is to always achieve the best results with our work and thus to provide our customers and partners with exceptional products and service.

It is with this drive and our own performance standards in mind that we have designed and developed our process transmitter series.

MEASURE US BY IT!





TRANSMITTER

BRONZE
SERIES

BRONZE SERIES

ASHCROFT® PRESSURE TRANSMITTERS ARE USED WORLDWIDE FOR CONTINUOUS DATA ACQUISITION IN THE PROCESS, FOOD AND BEVERAGE, BIOTECHNOLOGY AND PHARMACEUTICAL INDUSTRIES.

With our long-time proven and robust sensor technology in combination with intelligent signal processing we produce precise and long-term stable measuring instruments.

Traceability and a multitude of test procedures and certifications ensure that your requirements are met.

The **BRONZE SERIES** pressure transmitters are compact and robust pressure and level transmitters with an accuracy of **0.2%** and an optional digital display with **3 push buttons** for settings.

The polished stainless steel transmitters use a robust flush diaphragm with optimized minimum oil filling and active temperature compensation directly behind the diaphragm.

They are suitable for pressure and linear level measurement of liquids and gases in the process industry and for hygienic applications such as food, beverages and pharmaceuticals.



ASHCROFT®
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TRANSMITTER

ASHCROFT
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BRONZE
SERIES

adjustment of zero point and span with fine spindle potentiometers

4-20 mA / 2-Wire output signal

ingress protection IP66 // IP68

wide range of selection for electrical connections

optional programmable 4.5-digit digital local display // Rotates up to 180° for adjusted reading position

all Stainless Steel



suitable for cleaning CIP and SIP

active temperature compensation

wide range of selection for process connections

sensor integrated directly behind the diaphragm

robust flush diaphragm

TRANSMITTER

ASHCROFT
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MODEL	PROCESS PRESSURE TRANSMITTER PB55
	
NOMINAL MEASURING RANGE	0 … 0,1 bar up to 0 … 80 bar (adjustable span)
ACCURACY	0,2 % of the adjusted span (turn down 4:1)
PROCESS TEMPERATURE	-20 … +80 °C
AMBIENT TEMPERATURE	-30 … +70 °C
CASE MATERIAL	stainless steel 304 or optional 316
WETTED PARTS MATERIAL	stainless steel 316L, optional Hastelloy C diaphragm
PROCESS CONNECTIONS	Various process connections available, including compatibility with other manufacturers (E+H, Vega, PMC...) **Threaded:** G 1 (1" BSP) with flush diaphragm and adapter to other sizes / G ½ (½" BSP) with flush diaphragm / 1" NPT with flush diaphragm **Welding nipple:** Ø 33 mm **Connections compatible with other manufacturers:** M44x1.25 threaded lock ring (suitable for 1-1/2" PMC and Rosemount) / Valcom process connection ET13, ET15 / Satron/Valmet PASVE 1" BSP process connection
ELECTRICAL CONNECTIONS	M20x1.5 female thread / M12, 4-pin stainless steel connector from 316 (1.4401) / Hirschmann connector / NPT female thread / Cable gland PG9, 11, 13.5
OPTIONS	vacuum pressure or compound measuring ranges / reference sensor for absolute pressure measurement / digital local display / high temperature option with integrated cooling element / extended diaphragm sizes / remote measurement with cables up to 32 m length / optional protection class IP68, including vented cable / wall and pipe mounting accessories / suitable filling options for the respective application / special cleaning / options for tag plates / accessories such as valves, valve manifolds, capillary lines, flanges etc.

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MODEL	CLEANLINE PRESSURE TRANSMITTER CB55
	
NOMINAL MEASURING RANGE	0 … 0,1 bar up to 0 … 80 bar (adjustable span)
ACCURACY	0,2 % of the adjusted span (turn down 4:1)
PROCESS TEMPERATURE	-20 … +100 °C (higher temperatures on request)
AMBIENT TEMPERATURE	-30 … +70 °C
CASE MATERIAL	stainless steel 304 or optional 316
WETTED PARTS MATERIAL	stainless steel 316L or optional gold-plated, Hastelloy C, Tantalum
PROCESS CONNECTIONS	Various process connections available, including compatibility with other manufacturers (E+H, Vega, PMC...) **Threaded:** G 1 ½, G 2 with flush diaphragm / 1 ½" NPT with flush diaphragm / 2" IDF coupling nut // SMS-union connection 1 ½", 2 **Milk coupling:** DN25, DN40, DN50 **Tri-clamp:** 1 ½", 2", 3" **Welding nipples:** Ø 62 mm, Ø 85 mm **Flange connection:** ASME 1 ½", 2", 3" / EN 1092-1 DN25, DN40, DN50, DN80 **Connections compatible with other manufacturers:** Varivent (basic dimensions from GEA, Tuchenhagen DN50 up to DN125) / Universal adapter E+H / APV baseplate / DRD flange / VEGA "LA" DN40 / Anderson
ELECTRICAL CONNECTIONS	M20x1.5 female thread / M12, 4-pin stainless steel connector from 316 (1.4401) / Hirschmann connector / NPT female thread / Cable gland PG9, 11, 13.5
OPTIONS	vacuum pressure or compound measuring ranges / reference sensor for absolute pressure measurement / digital local display / high temperature option with integrated cooling element / extended diaphragm sizes / remote measurement with cables up to 32 m length / optional protection class IP68, including vented cable / wall and pipe mounting accessories / suitable filling options for the respective application / special cleaning / options for tag plate / accessories such as flanges, welding mandrels, weld-on nipples for the respective connections, clamps, packing rings, etc.

SILVER
SERIES

SILVER SERIES

ASHCROFT® PRESSURE TRANSMITTERS ARE USED WORLDWIDE FOR CONTINUOUS DATA ACQUISITION IN THE PROCESS, FOOD AND BEVERAGE, BIOTECHNOLOGY AND PHARMACEUTICAL INDUSTRIES.

With our long-time proven and robust sensor technology in combination with intelligent signal processing we produce precise and long-term stable measuring instruments.

Traceability and a multitude of test procedures and certifications ensure that your requirements are met.

The **SILVER SERIES** pressure transmitters are intelligent pressure and level transmitters with an accuracy of **0.2 % (optionally 0.1 %)**, adjustable without test pressure via **3 push buttons** and the integrated display.

The polished stainless steel transmitters use a robust fl ush diaphragm with optimised minimum oil fi lling and active temperature compensation directly behind the diaphragm.

They are suitable for pressure and linear level measurement of liquids and gases in the process industry and for hygienic applications such as food, beverages and pharmaceuticals.



ASHCROFT®
Trust the shield.®

TRANSMITTER

ASHCROFT
Trust the shield.

SILVER
SERIES

digital local display

ingress protection IP66 // IP68

all Stainless Steel

active temperature compensation

sensor integrated directly behind the diaphragm



wide range of selection for electrical connections

HART® Protocol with 4-20 mA // 2-wire-output signal

programming and settings via 3 push buttons, Ashcroft® DTM, or service program HHT

wide range of selection for process connections

robust flush diaphragm

TRANSMITTER

ASHCROFT
Trust the shield.®

MODEL	PROCESS PRESSURE TRANSMITTER PS55
	
NOMINAL MEASURING RANGE	0 … 0,1 up to 0 … 80 bar (adjustable span)
ACCURACY	0,2 % of the adjusted span (Turn down 4:1) / optional: 0,1 % of the adjusted span (Turn down 4:1)
PROCESS TEMPERATURE	-20 … +80 °C (optional 100 °C)
AMBIENT TEMPERATURE	-20 … +70 °C
CASE MATERIAL	stainless steel 304 or optional 316
WETTED PARTS MATERIAL	stainless steel 316L, optional Hastelloy C diaphragm
PROCESS CONNECTIONS	Various process connections available, including compatibility with other manufacturers (E+H, Vega, PMC...) **Threaded:** G 1 (1" BSP) with flush diaphragm and adapter to other sizes / G ½ (½" BSP) with flush diaphragm / 1" NPT with flush diaphragm **Welding nipple:** Ø 33 mm **Connections compatible with other manufacturers:** M44x1.25 threaded lock ring (suitable for 1-1/2" PMC and Rosemount) / Valcom process connection ET13, ET15 / Satron/Valmet PASVE 1" BSP process connection
ELECTRICAL CONNECTIONS	M20x1.5 female thread / M12, 4-pin stainless steel connector from 316 (1.4401) / Hirschmann connector / NPT female thread / Cable gland PG9, 11, 13.5
OPTIONS	vacuum pressure or compound measuring ranges / reference sensor for absolute pressure measurement / transparent protection cover for local digital display / high temperature option with integrated cooling element / extended membrane sizes / remote measurement with cables up to 100 m length / optional protection class IP68, including vented cable / wall and pipe mounting accessories / suitable filling options for the respective application / special cleaning / options for tag plates / accessories such as valves, valve manifolds, capillary lines, flanges etc.

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MODEL	CLEANLINE PRESSURE TRANSMITTER CS55
	
NOMINAL MEASURING RANGE	0 … 0,04 up to zu 0 … 80 bar (adjustable span)
ACCURACY	0,2 % of the adjusted span (Turn down 4:1) / optional: 0,1 % of the adjusted span (Turn down 4:1)
PROCESS TEMPERATURE	-20 … +100 °C (higher temperatures on request)
AMBIENT TEMPERATURE	-20 … +70 °C
CASE MATERIAL	stainless steel 304 or optional 316
WETTED PARTS MATERIAL	stainless steel 316L or optional gold-plated, Hastelloy C, Tantalum
PROCESS CONNECTIONS	Various process connections available, including compatibility with other manufacturers (E+H, Vega, PMC...) **Threaded:** G 1 ½, G 2 with flush diaphragm / 1 ½" NPT with flush diaphragm / 2" IDF coupling nut / SMS-union connection 1 ½", 2 **Milk coupling:** DN25, DN40, DN50 **Tri-clamp:** 1 ½", 2", 3" **Welding nipples:** Ø 62 mm, Ø 85 mm **Flange connection:** ASME 1 ½", 2", 3" / EN 1092-1 DN25, DN40, DN50, DN80 **Connections compatible with other manufacturers:** Varivent (basic dimensions from GEA, Tuchenhagen DN50 up to DN125) / Universal adapter E+H / APV baseplate / DRD flange / VEGA "LA" DN40 / Anderson
ELECTRICAL CONNECTIONS	M20x1.5 female thread / M12, 4-pin stainless steel connector from 316 (1.4401) / Hirschmann connector / NPT female thread / Cable gland PG9, 11, 13.5
OPTIONS	vacuum pressure or compound measuring ranges / reference sensor for absolute pressure measurement / transparent protection cover for local digital display / high temperature option with integrated cooling element / extended membrane sizes / remote measurement with cables up to 100 m length / optional protection class IP68, including vented cable / wall and pipe mounting accessories / suitable filling options for the respective application / special cleaning / options for tag plates / accessories such as flanges, welding mandrells, weld-on nipples of the respective connections, clamps, packing rings etc.

GOLD
SERIES

GOLD SERIES

ASHCROFT® PRESSURE TRANSMITTERS ARE USED WORLDWIDE FOR CONTINUOUS DATA ACQUISITION IN THE PROCESS, FOOD AND BEVERAGE, BIOTECHNOLOGY AND PHARMACEUTICAL INDUSTRIES.

With our long-time proven and robust sensor technology in combination with intelligent signal processing we produce precise and long-term stable measuring instruments.

Traceability and a multitude of test procedures and certifications according to ATEX and IEC Ex ensure that your requirements are met.

Ashcroft's **GOLD SERIES** pressure transmitters are intelligent pressure and level transmitters with an accuracy of **0.1%**, adjustable without test pressure via **3 push buttons** and the integrated display.

The polished stainless steel transmitters use a robust flush diaphragm with optimised minimum oil filling and active temperature compensation directly behind the diaphragm.

They are suitable for pressure measurement of liquids and gases and level measurement in horizontal or funnel-shaped tanks in the process industry and for hygienic applications such as food, beverages and pharmaceuticals.



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TRANSMITTER

ASHCROFT®
Trust the shield.®

GOLD
SERIES

wide range of selection for electrical connections

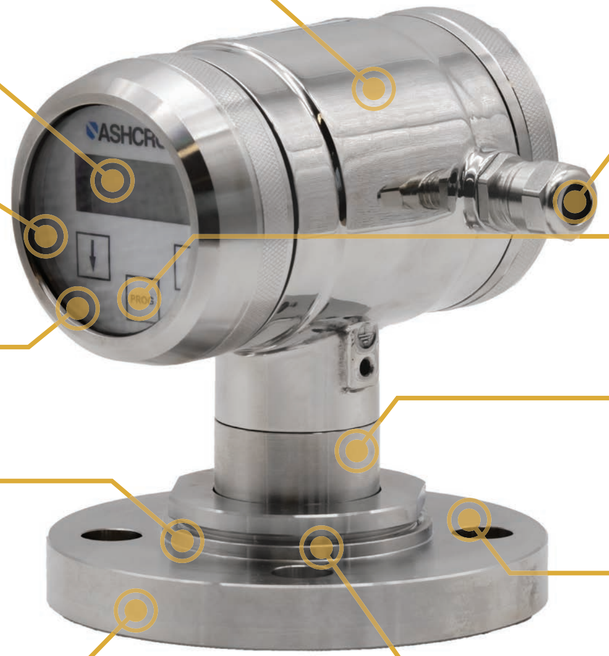
digital local display

ingress protection IP66 // IP68

all Stainless Steel

active temperature compensation

sensor integrated directly behind the diaphragm



HART® Protocol with 4-20 mA // 2-wire-outputsignal

programming and settings via 3 push buttons, Ashcroft® DTM, or service program HHT

approval for use in hazardous areas II 1G Ex ia IIC T4 Ga; II 2D Ex ib IIC T100°C Db; II 3G Ex ec IIC T4 Gc

wide range of selection for process connections

robust flush diaphragm

TRANSMITTER

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MODEL	PROCESS PRESSURE TRANSMITTER PG55
	
NOMINAL MEASURING RANGE	0 … 0,1 bar up to 0 … 100 bar (adjustable span)
ACCURACY	0,1 % of the adjusted span (Turn down 4:1 up to 10:1)
PROCESS TEMPERATURE	-20 … +80 °C (Optional 100 °C)
AMBIENT TEMPERATURE	-20 … +70 °C
CASE MATERIAL	stainless steel 304 or optional 316
WETTED PARTS MATERIAL	stainless steel 316L, optional Hastelloy C diaphragm
PROCESS CONNECTIONS	Various process connections available, including compatibility with other manufacturers (E+H, Vega, PMC...) **Threaded:** G 1 (1" BSP) with flush diaphragm and adapter to other sizes / G ½ (½" BSP) with flush diaphragm / 1" NPT with flush diaphragm **Welding nipple:** Ø 33 mm **Connections compatible with other manufacturers:** M44x1.25 threaded lock ring (suitable for 1-1/2" PMC and Rosemount) / Valcom process connection ET13, ET15 / Satron/Valmet PASVE 1" BSP process connection
ELECTRICAL CONNECTIONS	M20x1.5 female thread / M12, 4-pin stainless steel connector from 316 (1.4401) / Hirschmann connector / NPT female thread / Cable gland PG9, 11, 13.5
OPTIONS	vacuum pressure or compound measuring ranges / reference sensor for absolute pressure measurement / transparent protection cover for local digital display / high temperature option with integrated cooling element / extended membrane sizes / remote measurement with cables up to 100 m length / optional protection class IP68, including vented cable / wall and pipe mounting accessories / suitable filling options for the respective application / special cleaning / options for tag plates / accessories such as valves, valve manifolds, capillary lines, flanges etc.

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MODEL	CLEANLINE PRESSURE TRANSMITTER CG55
	
NOMINAL MEASURING RANGE	0 … 0,05 bar up to 0 … 100 bar (adjustable span)
ACCURACY	0,1 % of the adjusted span (Turn down 5:1 up to 10:1)
PROCESS TEMPERATURE	-20 … +100 °C (higher temperatures on request)
AMBIENT TEMPERATURE	-20 … +70 °C
CASE MATERIAL	stainless steel 304 or optional 316
WETTED PARTS MATERIAL	stainless steel 316L or optional gold-plated, Hastelloy C, Tantalum
PROCESS CONNECTIONS	Various process connections available, including compatibility with other manufacturers (E+H, Vega, PMC...) **Threaded:** G 1 ½, G 2 with flush diaphragm / 1 ½" NPT with flush diaphragm / 2" IDF coupling nut / SMS-union connection 1 ½", 2 **Milk coupling:** DN25, DN40, DN50 **Tri-clamp:** 1 ½", 2", 3" **Welding nipples:** Ø 62 mm, Ø 85 mm **Flange connection:** ASME 1 ½", 2", 3" / EN 1092-1 DN25, DN40, DN50, DN80 **Connections compatible with other manufacturers:** Varivent (basic dimensions from GEA, Tuchenhagen DN50 up to DN125) / Universal adapter E+H / APV baseplate / DRD flange / VEGA "LA" DN40 / Anderson
ELECTRICAL CONNECTIONS	M20x1.5 female thread / M12, 4-pin stainless steel connector from 316 (1.4401) / Hirschmann connector / NPT female thread / Cable gland PG9, 11, 13.5
OPTIONS	vacuum pressure or compound measuring ranges / reference sensor for absolute pressure measurement / transparent protection cover for local digital display / high temperature option with integrated cooling element / extended membrane sizes / remote measurement with cables up to 100 m length / optional protection class IP68, including vented cable / wall and pipe mounting accessories / suitable filling options for the respective application / special cleaning / options for tag plates / accessories such as flanges, welding mandrells, weld-on nipples of the respective connections, clamps, packing rings etc.

PLATINUM
SERIES

PLATINUM SERIES

ASHCROFT® PRESSURE TRANSMITTERS ARE USED WORLDWIDE FOR CONTINUOUS DATA ACQUISITION IN THE PROCESS, FOOD AND BEVERAGE, BIOTECHNOLOGY AND PHARMACEUTICAL INDUSTRIES.

With our long-time proven and robust sensor technology in combination with intelligent signal processing we produce precise and long-term stable measuring instruments.

Traceability and a multitude of test procedures and certifications according to ATEX and IEC Ex ensure that your requirements are met.

The **PLATINUM SERIES** pressure transmitters are intelligent pressure and level transmitters with an accuracy of **0.1 % (optionally 0.075 %)**, adjustable without test pressure via **a push button** and the integrated display.

The polished stainless steel transmitters use a robust flush diaphragm with optimised minimum oil filling and active temperature compensation directly behind the diaphragm.

They are suitable for pressure measurement of liquids and gases and level measurement in horizontal or funnel-shaped tanks in the process industry and for hygienic applications such as food, beverages and pharmaceuticals.



TRANSMITTER

ASHCROFT
Trust the shield.

PLATINUM
SERIES

wide range of selection for electrical connections

graphic local display with primary and secondary measured variable

ingress protection IP66 // IP68

all Stainless Steel

active temperature compensation

sensor integrated directly behind the diaphragm



HART® Protocol with 4-20 mA // 2-wire-output signal // optional PROFIBUS-PA output

programming and settings via 3 push buttons, Ashcroft® DTM, or service program HHT

approval for use in hazardous areas ATEX II 1G Ex ia IIC: T4 Ga // T5 Ga // T6 Ga

wide range of selection for process connections

robust flush diaphragm

TRANSMITTER

ASHCROFT
Trust the shield.®

MODEL	PROCESS PRESSURE TRANSMITTER PP55	CLEANLINE PRESSURE TRANSMITTER CP55
		
NOMINAL MEASURING RANGE	0 … 0,1 bar up to 0 … 100 bar (adjustable span)	0 … 0,05 bar up to 0 … 100 bar (adjustable span)
ACCURACY	0,1 % of the adjusted span (Turn down 10:1) **/** optional 0,075 % of the adjusted span (Turn down 20:1)	
PROCESS TEMPERATURE	-20 … +80 °C (optional 100 °C)	-20 … +100 °C (higher temperatures on request)
AMBIENT TEMPERATURE	-20 … +70 °C	
CASE MATERIAL	stainless steel 304 or optional 316	
WETTED PARTS MATERIAL	stainless steel 316L, optional Hastelloy C diaphragm	stainless steel 316L or optional gold-plated, Hastelloy C, Tantalum
PROCESS CONNECTIONS	Various process connections available, including compatibility with other manufacturers (E+H, Vega, PMC...) **Threaded:** G 1 (1" BSP) with flush diaphragm and adapter to other sizes **/** G ½ (½" BSP) with flush diaphragm **/** 1" NPT with flush diaphragm **Welding nipple:** Ø 33 mm **Connections compatible with other manufacturers:** M44x1.25 threaded lock ring (suitable for 1-1/2" PMC and Rosemount) **/** Valcom process connection ET13, ET15 **/** Satron/Valmet PASVE 1" BSP process connection	Various process connections available, including compatibility with other manufacturers (E+H, Vega, PMC...) **/ Threaded:** G 1 ½, G 2 with flush diaphragm **/** 1 ½" NPT with flush diaphragm **/** 2" IDF coupling nut **/** SMS-union connection 1 ½", 2 **/ Milk coupling:** DN25, DN40, DN50 **/ Tri-clamp:** 1 ½", 2", 3" **/ Welding nipples:** Ø 62 mm, Ø 85 mm **/ Flange connection:** ASME 1 ½", 2", 3" / EN 1092-1 DN25, DN40, DN50, DN80 **/ Connections compatible with other manufacturers:** Universal adapter E+H **/** APV baseplate **/** DRD flange **/** VEGA „LA" DN40 **/** Anderson
ELECTRICAL CONNECTIONS	M20x1.5 female thread **/** M12, 4-pin stainless steel connector from 316 (1.4401) **/** Hirschmann connector **/** NPT female thread **/** Cable gland PG9, 11, 13.5 **/** special EMC-Cable gland (Standard for Profibus) **/** Special connection with cable for Profibus with IP68 protection	
OPTIONS	vacuum pressure or compound measuring ranges **/** reference sensor for absolute pressure measurement **/** transparent protection cover for local digital display **/** high temperature option with integrated cooling element **/** extended membrane sizes **/** remote measurement with cables up to 100 m length **/** optional protection class IP68, including vented cable **/** wall and pipe mounting accessories **/** suitable filling options for the respective application **/** special cleaning **/** options for tag plates **/** accessories such as valves, valve manifolds, capillary lines, flanges, welding mandrells, weld-on nipples, clamps etc.	

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MODEL	DIFFERENTIAL PRESSURE TRANSMITTER DP55
	
NOMINAL MEASURING RANGE	10 … 60 mbar up to 0,2 bar … 20 bar (adjustable span)
ACCURACY	0,075 % of the adjusted span (Turn down 10:1) // optional turn down up to 100:1 with reduced accuracy
PROCESS TEMPERATURE	-20 … +80 °C (optional 100 °C)
AMBIENT TEMPERATURE	-20 … +70 °C
CASE MATERIAL	stainless steel 304 or optional 316
WETTED PARTS MATERIAL	stainless steel 316L or optional gold-plated, Hastelloy C, Tantalum
PROCESS CONNECTIONS	Various process connections available **Threaded:** ¼ -18 NPT female thread **/** ½ NPT female thread (via oval flanges bolted with 7/16" UNF)
ELECTRICAL CONNECTIONS	M20x1.5 female thread **/** M12, 4-pin stainless steel connector from 316 (1.4401) **/** Hirschmann connector **/** NPT female thread **/** Cable gland PG9, 11, 13.5 **/** special EMC-Cable gland (Standard for Profibus) **/** Special connection with cable for Profibus with IP68 protection
OPTIONS	Transparent protection cap for local digital display **/** remote measurement with cables up to 100 m length **/** optional protection class IP68, including vented cable **/** wall and pipe mounting accessories **/** suitable filling options for the respective application **/** special cleaning **/** options for tag plates **/** accessories such as valve manifolds, capillary lines, oval flanges etc.

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SERIES	MODEL	SPECIFICATIONS					CONNECTION				FUNCTION		OPTION		
		MEASUREMENT RANGES	STATIC PRESSURE	ACCURACY	TURN DOWN RATIO	DISPLAY	THREADED	HYGIENIC	FLANGED	OVAL FLANGES	DISPLAY OF 2 MEASURED VARIABLES	NON-LINEAR LEVEL PROGRAMMING	ATEX	HART	PROFIBUS
BRONZE, PROCESS	PB55	0,4 bar up to 80 bar		0,2%	/	opt.	✓								
BRONZE, CLEANLINE	CB55	0,4 bar up to 80 bar		0,2%	/	opt.	✓	✓	✓						
SILVER, PROCESS	PS55	0,1 bar up to 80 bar		0,2%, opt. 0,1%	4:1	✓	✓							✓	
SILVER, CLEANLINE	CS55	0,04 bar up to 80 bar		0,2%, opt. 0,1%	4:1	✓	✓	✓	✓					✓	
GOLD, PROCESS	PG55	0,1 bar up to 100 bar		0,1%	4:1 up to 10:1	✓	✓					✓	✓	✓	
GOLD, CLEANLINE	CG55	0,04 bar up to 100 bar		0,1%	4:1 up to 10:1	✓	✓	✓	✓			✓	✓	✓	
PLATINUM, PROCESS	PP55	0,1 bar up to 100 bar		0,1%, opt. 0,075%	10:1, 20:1	✓	✓				✓	✓	✓	✓	✓
PLATINUM, CLEANLINE	CP55	0,05 bar up to 100 bar		0,1%, opt. 0,075%	10:1, 20:1	✓	✓	✓	✓		✓	✓	✓	✓	✓
PLATINUM, DIFFERENTIAL	DP55	0,01 bar up to 20 bar dp	PN160, PN250	0,075%	10:1 up to 100:1	✓	✓			✓	✓	✓	✓	✓	✓





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