



PHT

**SICK**  
Sensor Intelligence.



### Technical data overview

<b>Medium</b>	Liquid, gaseous
<b>Pressure type</b>	Gauge pressure Absolute pressure Compound pressure (depends on variant)
<b>Pressure unit</b>	bar / psi (depends on variant)
<b>Accuracy</b>	$\leq \pm 0.25\%$ / $\leq \pm 0.5\%$ (depends on variant)
<b>Process connection</b>	Clamp (DIN 32676) DN 32 Clamp (DIN 32676) DN 40 Clamp (DIN 32676) DN 50 Tri-Clamp 2" (DIN 32676) Tri-Clamp 1 1/2" (DIN 32676) Clamp (ISO 2852) DN 33.7 Conical coupling (DIN 11851) DN 25 with union nut Conical coupling (DIN 11851) DN 40 with union nut Conical coupling (DIN 11851) DN 50 with union nut Coupling (DIN 11864-1) DN 40 form A with union nut Coupling (DIN 11864-1) DN 50 form A with union nut Flange (DIN 11864-2) DN 40 form A Clamp (DIN 11864-3) DN 40 form A SMS standard 1 1/2" (SMS 1145) with union nut Varivent connection type F DRD Connector with clamping elements Clamp (ISO 2852) DN 40 Varivent connection type N (depends on variant)
<b>Connection type</b>	M12 round connector x 1, 4-pin L-connector (DIN EN 175301-803 A) Flying leads, 3 m Field housing
<b>Enclosure rating</b>	IP67 IP65 IP68 (depends on variant)
<b>Process temperature</b>	-20 °C ... +150 °C
<b>Seal</b>	Without seal / EPDM (depends on variant)
<b>Communication interface</b>	-
<b>Output signal</b>	4 mA ... 20 mA, 2-wire 0 V ... 10 V, 3-wire (depends on variant)
<b>Supply voltage</b>	10 V DC ... 30 V DC (depends on variant)

### Product description

With the flush-mounted stainless-steel membranes and the numerous hygienic process connections, the PHT pressure transmitter is perfectly suited to demanding hygienic applications in the food, pharmaceutical, and cosmetics industries. Whether it be elevated media temperatures, resistance to corrosive media, or dead zone-free design with hygienic process connections: The PHT stands out through its excellent functionality, which is evidenced among other things by certificates from 3-A.

### At a glance

- Robust and precise pressure measurement technology
- Flush-mounted, hermetically sealed stainless steel membrane with roughness  $R_a < 0.4 \mu\text{m}$
- Wetted parts stainless steel 1.4435, housing stainless steel 1.4571
- CIP/SIP resistant
- Large range of hygienic process connectors
- Stainless steel housing with enclosure rating of up to IP 68
- Field housing available (IP 67)

## Your benefits

- Perfectly suited for demanding hygienic applications in the food, pharmaceuticals and cosmetic industry
- Safe to use in hygienic areas through 3-A certification
- Rugged design and use of high-quality materials ensure high reliability and availability
- High plant availability thanks to CIP and SIP capability
- Easy to clean sensor housing
- Optimal solutions due to versatile configurability

## Ordering information

Other models and accessories → [www.sick.com/PHT](http://www.sick.com/PHT)

- **Measuring range:** 0 bar ... 10 bar
- **Accuracy:**  $\leq \pm 0.25\%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C
- **Output signal:** 4 mA ... 20 mA, 2-wire

Process connection	Seal	Connection type	Supply voltage	Type	Part no.
Clamp (DIN 32676) DN 32	Without seal	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB010ED30S0AMS0Z	6070638
Conical coupling (DIN 11851) DN 25 with union nut	Without seal	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB010E520S0AMS0Z	6052957
Conical coupling (DIN 11851) DN 50 with union nut	Without seal	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB010E550S0AFT0Z	6041713
Varivent connection type N	EPDM	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB010EVN0SEAFT0Z	6044398

- **Measuring range:** 0 bar ... 16 bar
- **Accuracy:**  $\leq \pm 0.5\%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C
- **Output signal:** 4 mA ... 20 mA, 2-wire
- **Connection type:** M12 round connector x 1, 4-pin, IP67
- **Supply voltage:** 10 V DC ... 30 V DC

Process connection	Seal	Type	Part no.
Clamp (DIN 32676) DN 40	Without seal	PHT-RB016SD40S0AMS0Z	6043508
Tri-Clamp 1 1/2" (DIN 32676)	EPDM	PHT-RB016ST10SEAMS0Z	6066731

- **Measuring range:** 0 bar ... 1 bar
- **Accuracy:**  $\leq \pm 0.5\%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Clamp (DIN 32676) DN 32	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB1X0SD30S0AFT0Z	6039412
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB1X0SD30S0ALS0Z	6039356
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB1X0SD30S0AMS0Z	6039300

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Clamp (DIN 32676) DN 40	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB1X0SD40S0AFT0Z	6039419
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB1X0SD40S0ALS0Z	6039363
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB1X0SD40S0AMS0Z	6039307
Clamp (DIN 32676) DN 50	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB1X0SD50S0AFT0Z	6062562
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB1X0SD50S0AMS0Z	6062563
Conical coupling (DIN 11851) DN 25 with union nut	EPDM	4 mA ... 20 mA, 2-wire	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB1X0S520SEALS0Z	6041196
Conical coupling (DIN 11851) DN 40 with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB1X0S540S0AFT0Z	6039426
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB1X0S540S0ALS0Z	6039370
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB1X0S540S0AMS0Z	6039314
Conical coupling (DIN 11851) DN 50 with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB1X0S550S0AFT0Z	6039433
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB1X0S550S0ALS0Z	6039377
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB1X0S550S0AMS0Z	6039321
Coupling (DIN 11864-1) DN 50 form A with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB1X0S650S0AFT0Z	6039447
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB1X0S650S0ALS0Z	6039391
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB1X0S650S0AMS0Z	6039335
Coupling (DIN 11864-1) DN 40 form A with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB1X0S640S0AFT0Z	6039440
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB1X0S640S0ALS0Z	6039384
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB1X0S640S0AMS0Z	6039328
DRD Connector with clamping elements	Without seal	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB1X0SDR0S0AMS0Z	6043749

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Tri-Clamp 1 ½" (DIN 32676)	EPDM	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB1X0ST10SEAMS0Z	6063763
	Without seal	0 V ... 10 V, 3-wire	Field hous- ing, IP67	14 V DC ... 30 V DC	PHT-RB1X0ST10S0VFZ0Z	6042273
			4 mA ... 20 mA, 2-wire	Field hous- ing, IP67	11 V DC ... 30 V DC	PHT-RB1X0ST10S0AFT0Z
		L-connector (DI- N EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB1X0ST10S0ALS0Z	6039349	
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB1X0ST10S0AMS0Z	6039293
Tri-Clamp 2" (DIN 32676)	Without seal	4 mA ... 20 mA, 2-wire	Field hous- ing, IP67	11 V DC ... 30 V DC	PHT-RB1X0ST20S0AFT0Z	6081088
			Flying leads, 3 m, IP68	10 V DC ... 30 V DC	PHT-RB1X0ST20S0A5S0Z	6080722
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB1X0ST20S0AMS0Z	6061176
Varivent con- nection type F	Without seal	4 mA ... 20 mA, 2-wire	Field hous- ing, IP67	11 V DC ... 30 V DC	PHT-RB1X0SVF0S0AFT0Z	6039454
			L-connector (DI- N EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB1X0SVF0S0ALS0Z	6039398
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB1X0SVF0S0AMS0Z	6039342

- **Measuring range:** 0 bar ... 2.5 bar
- **Accuracy:**  $\leq \pm 0.25 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Clamp (DIN 32676) DN 32
- **Process temperature:** -20 °C ... +150 °C

Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Without seal	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB2X5ED30S0AMS0Z	6070510

- **Measuring range:** 0 bar ... 10 bar
- **Accuracy:**  $\leq \pm 0.5 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.		
Clamp (DIN 32676) DN 32	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB010SD30S0AFT0Z	6039415		
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB010SD30S0ALS0Z	6039359		
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB010SD30S0AMS0Z	6039303		
Clamp (DIN 32676) DN 40	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB010SD40S0AFT0Z	6039422		
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB010SD40S0ALS0Z	6039366		
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB010SD40S0AMS0Z	6039310		
Conical coupling (DIN 11851) DN 25 with union nut	EPDM	4 mA ... 20 mA, 2-wire	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB010S520SEALS0Z	6076607		
Conical coupling (DIN 11851) DN 40 with union nut	EPDM	0 V ... 10 V, 3-wire	M12 round connector x 1, 4-pin, IP67	14 V DC ... 30 V DC	PHT-RB010S540SEVMZ0Z	6065784		
			Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB010S540S0AFT0Z	6039429
					L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB010S540S0ALS0Z	6039373
					M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB010S540S0AMS0Z	6039317
Conical coupling (DIN 11851) DN 50 with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB010S550S0AFT0Z	6039436		
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB010S550S0ALS0Z	6039380		
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB010S550S0AMS0Z	6039324		

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Coupling (DIN 11864-1) DN 50 form A with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB010S650S0AFTOZ	6039450
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB010S650S0ALSOZ	6039394
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB010S650S0AMSOZ	6039338
Coupling (DIN 11864-1) DN 40 form A with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB010S640S0AFTOZ	6039443
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB010S640S0ALSOZ	6039387
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB010S640S0AMSOZ	6039331
SMS standard 1½" (SMS 1145) with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB010SS10S0AFTOZ	6042468
Tri-Clamp 1 ½" (DIN 32676)	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB010ST10S0AFTOZ	6039408
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB010ST10S0ALSOZ	6039352
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB010ST10S0AMSOZ	6039296
Tri-Clamp 2" (DIN 32676)	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB010ST20S0AFTOZ	6042359
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB010ST20S0AMSOZ	6041345
Varivent connection type F	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB010SVF0S0AFTOZ	6039457
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB010SVF0S0ALSOZ	6039401
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB010SVF0S0AMSOZ	6039345
Varivent connection type N	EPDM	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB010SVN0SEAFTOZ	6044397

- **Measuring range:** 0 bar ... 25 bar
- **Accuracy:**  $\leq \pm 0.5 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:**  $-20 \text{ }^\circ\text{C} \dots +150 \text{ }^\circ\text{C}$
- **Seal:** without seal
- **Output signal:** 4 mA ... 20 mA, 2-wire

Process connection	Connection type	Supply voltage	Type	Part no.
Clamp (DIN 32676) DN 32	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB025SD30S0AFT0Z	6039416
	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB025SD30S0ALS0Z	6039360
	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB025SD30S0AMS0Z	6039304
Clamp (DIN 32676) DN 40	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB025SD40S0AFT0Z	6039423
	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB025SD40S0ALS0Z	6039367
	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB025SD40S0AMS0Z	6039311
Conical coupling (DIN 11851) DN 25 with union nut	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB025S520S0ALS0Z	6069356
	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB025S520S0AMS0Z	6069358
Conical coupling (DIN 11851) DN 40 with union nut	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB025S540S0AFT0Z	6039430
	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB025S540S0ALS0Z	6039374
	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB025S540S0AMS0Z	6039318
Conical coupling (DIN 11851) DN 50 with union nut	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB025S550S0AFT0Z	6039437
	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB025S550S0ALS0Z	6039381
	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB025S550S0AMS0Z	6039325
Coupling (DIN 11864-1) DN 50 form A with union nut	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB025S650S0AFT0Z	6039451
	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB025S650S0ALS0Z	6039395
	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB025S650S0AMS0Z	6039339
Coupling (DIN 11864-1) DN 40 form A with union nut	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB025S640S0AFT0Z	6039444
	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB025S640S0ALS0Z	6039388
	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB025S640S0AMS0Z	6039332
Tri-Clamp 1 1/2" (DIN 32676)	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB025ST10S0AFT0Z	6039409
	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB025ST10S0ALS0Z	6039353
	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB025ST10S0AMS0Z	6039297

Process connection	Connection type	Supply voltage	Type	Part no.
Varivent connection type F	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB025SVF0S0AFT0Z	6039458
	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB025SVF0S0ALS0Z	6039402
	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB025SVF0S0AMS0Z	6039346

- **Measuring range:** 0 bar ... 2.5 bar
- **Accuracy:**  $\leq \pm 0.5 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Clamp (DIN 32676) DN 32	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB2X5SD30S0AFT0Z	6039413
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB2X5SD30S0ALS0Z	6039357
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB2X5SD30S0AMS0Z	6039301
Clamp (DIN 32676) DN 40	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB2X5SD40S0AFT0Z	6039420
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB2X5SD40S0ALS0Z	6039364
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB2X5SD40S0AMS0Z	6039308
Conical coupling (DIN 11851) DN 40 with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB2X5S540S0AFT0Z	6039427
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB2X5S540S0ALS0Z	6039371
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB2X5S540S0AMS0Z	6039315
Conical coupling (DIN 11851) DN 50 with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB2X5S550S0AFT0Z	6039434
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB2X5S550S0ALS0Z	6039378
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB2X5S550S0AMS0Z	6039322
Coupling (DIN 11864-1) DN 50 form A with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB2X5S650S0AFT0Z	6039448
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB2X5S650S0ALS0Z	6039392
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB2X5S650S0AMS0Z	6039336

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Coupling (DIN 11864-1) DN 40 form A with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB2X5S640S0AFT0Z	6039441
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB2X5S640S0ALS0Z	6039385
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB2X5S640S0AMS0Z	6039329
DRD Connector with clamping elements	Without seal	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB2X5SDR0S0AMS0Z	6042672
Flange (DIN 11864-2) DN 40 form A	Without seal	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB2X5S840S0AMS0Z	6043923
Tri-Clamp 1 1/2" (DIN 32676)	EPDM	0 V ... 10 V, 3-wire	Field housing, IP67	14 V DC ... 30 V DC	PHT-RB2X5ST10SEVFZ0Z	6043596
	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB2X5ST10S0AFT0Z	6039406
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB2X5ST10S0ALS0Z	6039350
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB2X5ST10S0AMS0Z	6039294
Tri-Clamp 2" (DIN 32676)	EPDM	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB2X5ST20SEAFT0Z	6081089
	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB2X5ST20S0AFT0Z	6081090
			Flying leads, 3 m, IP68	10 V DC ... 30 V DC	PHT-RB2X5ST20S0A5S0Z	6080723
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB2X5ST20S0AMS0Z	6076625
Varivent connection type F	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB2X5SVF0S0AFT0Z	6039455
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB2X5SVF0S0ALS0Z	6039399
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB2X5SVF0S0AMS0Z	6039343

- **Measuring range:** 0 bar ... 6 bar
- **Accuracy:**  $\pm 0.5\%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Clamp (DIN 11864-3) DN 40 form A	Without seal	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB6X0S740S0AMS0Z	6041655

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Clamp (DIN 32676) DN 32	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB6X0SD30S0AFTOZ	6039414
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB6X0SD30S0ALS0Z	6039358
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB6X0SD30S0AMS0Z	6039302
Clamp (DIN 32676) DN 40	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB6X0SD40S0AFTOZ	6039421
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB6X0SD40S0ALS0Z	6039365
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB6X0SD40S0AMS0Z	6039309
Conical coupling (DIN 11851) DN 25 with union nut	EPDM	4 mA ... 20 mA, 2-wire	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB6X0S520SEALS0Z	6070501
Conical coupling (DIN 11851) DN 40 with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB6X0S540S0AFTOZ	6039428
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-AB6X0S540S0ALS0Z	6073510
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB6X0S540S0AMS0Z	6039316
Conical coupling (DIN 11851) DN 50 with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB6X0S550S0AFTOZ	6039435
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-AB6X0S550S0ALS0Z	6073552
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB6X0S550S0ALS0Z	6039379
Coupling (DIN 11864-1) DN 50 form A with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB6X0S650S0AFTOZ	6039449
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB6X0S650S0ALS0Z	6039393
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB6X0S650S0AMS0Z	6039337
Coupling (DIN 11864-1) DN 40 form A with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB6X0S640S0AFTOZ	6039442
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB6X0S640S0ALS0Z	6039386
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB6X0S640S0AMS0Z	6039330

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.	
SMS standard 1½" (SMS 1145) with union nut	Without seal	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB6X0SS10S0AMS0Z	6042582	
Tri-Clamp 1½" (DIN 32676)	Without seal	0 V ... 10 V, 3-wire	M12 round connector x 1, 4-pin, IP67	14 V DC ... 30 V DC	PHT-RB6X0ST10S0VMZ0Z	6042568	
			Field housing, IP67	11 V DC ... 30 V DC	PHT-RB6X0ST10S0AFT0Z	6039407	
				L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-AB6X0ST10S0ALS0Z	6062126
					PHT-RB6X0ST10S0ALS0Z	6039351	
				M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB6X0ST10S0AMS0Z	6039295
Varivent connection type F	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB6X0SVF0S0AFT0Z	6039456	
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB6X0SVF0S0ALS0Z	6039400	
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB6X0SVF0S0AMS0Z	6039344	
Varivent connection type N	EPDM	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB6X0SVN0SEAF0Z	6044345	

- **Measuring range:** 0 bar ... 0.25 bar
- **Accuracy:**  $\pm 0.5\%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Clamp (DIN 32676) DN 32	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX25SD30S0AFT0Z	6039410
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX25SD30S0ALS0Z	6039354
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX25SD30S0AMS0Z	6039298
Clamp (DIN 32676) DN 40	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX25SD40S0AFT0Z	6039417
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX25SD40S0ALS0Z	6039361
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX25SD40S0AMS0Z	6039305
Conical coupling (DIN 11851) DN 25 with union nut	EPDM	4 mA ... 20 mA, 2-wire	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX25S520SEALS0Z	6044373

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.	
Conical coupling (DIN 11851) DN 40 with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX25S540SOAFTOZ	6039424	
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX25S540SOALS0Z	6039368	
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX25S540SOAMS0Z	6039312	
Conical coupling (DIN 11851) DN 50 with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX25S550SOAFTOZ	6039431	
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX25S550SOALS0Z	6039375	
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX25S550SOAMS0Z	6039319	
Coupling (DIN 11864-1) DN 50 form A with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX25S650SOAFTOZ	6039445	
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX25S650SOALS0Z	6039389	
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX25S650SOAMS0Z	6039333	
Coupling (DIN 11864-1) DN 40 form A with union nut	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX25S640SOAFTOZ	6039438	
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX25S640SOALS0Z	6039382	
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX25S640SOAMS0Z	6039326	
Tri-Clamp 1 ½" (DIN 32676)	EPDM	4 mA ... 20 mA, 2-wire	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX25ST10SEALS0Z	6041824	
	Without seal	0 V ... 10 V, 3-wire	Field housing, IP67	14 V DC ... 30 V DC	PHT-RBX25ST10SOVZF0Z	6066333	
			4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX25ST10SOAFTOZ	6039403
				L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX25ST10SOALS0Z	6039347
				M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX25ST10SOAMS0Z	6039291
Tri-Clamp 2" (DIN 32676)	Without seal	0 V ... 10 V, 3-wire	Field housing, IP67	14 V DC ... 30 V DC	PHT-RBX25ST20SOVZF0Z	6061769	
		4 mA ... 20 mA, 2-wire	Flying leads, 3 m, IP68	10 V DC ... 30 V DC	PHT-RBX25ST20SOA5S0Z	6064940	
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX25ST20SOAMS0Z	6060021	

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Varivent connection type F	Without seal	4 mA ... 20 mA, 2-wire	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX25SVF0S0AFT0Z	6039452
			L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX25SVF0S0ALS0Z	6039396
			M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX25SVF0S0AMS0Z	6039340

- **Measuring range:** 0 bar ... 0.6 bar
- **Accuracy:**  $\leq \pm 0.5 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C
- **Output signal:** 4 mA ... 20 mA, 2-wire

Process connection	Seal	Connection type	Supply voltage	Type	Part no.
Clamp (DIN 32676) DN 32	Without seal	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX60SD30S0AFT0Z	6039411
		L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX60SD30S0ALS0Z	6039355
		M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX60SD30S0AMS0Z	6039299
Clamp (DIN 32676) DN 40	Without seal	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX60SD40S0AFT0Z	6039418
		L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX60SD40S0ALS0Z	6039362
		M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX60SD40S0AMS0Z	6039306
Conical coupling (DIN 11851) DN 25 with union nut	EPDM	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX60S520SEALS0Z	6042533
Conical coupling (DIN 11851) DN 40 with union nut	Without seal	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX60S540S0AFT0Z	6039425
		L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX60S540S0ALS0Z	6039369
		M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX60S540S0AMS0Z	6039313
Conical coupling (DIN 11851) DN 50 with union nut	Without seal	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX60S550S0AFT0Z	6039432
		L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX60S550S0ALS0Z	6039376
		M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX60S550S0AMS0Z	6039320
Coupling (DIN 11864-1) DN 50 form A with union nut	Without seal	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX60S650S0AFT0Z	6039446
		L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX60S650S0ALS0Z	6039390
		M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX60S650S0AMS0Z	6039334

Process connection	Seal	Connection type	Supply voltage	Type	Part no.
Coupling (DIN 11864-1) DN 40 form A with union nut	Without seal	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX60S640S0AFT0Z	6039439
		L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX60S640S0ALS0Z	6039383
		M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX60S640S0AMS0Z	6039327
Tri-Clamp 1 1/2" (DIN 32676)	Without seal	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX60ST10S0AFT0Z	6039404
		L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX60ST10S0ALS0Z	6039348
		M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX60ST10S0AMS0Z	6039292
Tri-Clamp 2" (DIN 32676)	EPDM	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX60ST20SEAFT0Z	6081087
	Without seal	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX60ST20S0AFT0Z	6081086
		Flying leads, 3 m, IP68	10 V DC ... 30 V DC	PHT-RBX60ST20S0A5S0Z	6080721
		M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX60ST20S0AMS0Z	6076739
Varivent connection type F	Without seal	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX60SVF0S0AFT0Z	6039453
		L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RBX60SVF0S0ALS0Z	6039397
		M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RBX60SVF0S0AMS0Z	6039341

- **Measuring range:** 0 bar ... 1.6 bar
- **Accuracy:**  $\leq \pm 0.25 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Tri-Clamp 1 1/2" (DIN 32676)
- **Process temperature:** -20 °C ... +150 °C
- **Output signal:** 4 mA ... 20 mA, 2-wire
- **Supply voltage:** 10 V DC ... 30 V DC

Seal	Connection type	Type	Part no.
EPDM	M12 round connector x 1, 4-pin, IP67	PHT-RB1X6ET10SEAMS0Z	6043598
Without seal	L-connector (DIN EN 175301-803 A), IP65	PHT-AB1X6ET10S0ALS0Z	6065534

- **Measuring range:** 0 bar ... 4 bar
- **Accuracy:**  $\leq \pm 0.25 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Tri-Clamp 1 1/2" (DIN 32676)
- **Process temperature:** -20 °C ... +150 °C
- **Output signal:** 4 mA ... 20 mA, 2-wire
- **Supply voltage:** 10 V DC ... 30 V DC

Seal	Connection type	Type	Part no.
EPDM	L-connector (DIN EN 175301-803 A), IP65	PHT-AB4X0ET10SEALS0Z	6071068
Without seal	M12 round connector x 1, 4-pin, IP67	PHT-RB4X0ET10S0AMS0Z	6089452

- **Measuring range:** 0 bar ... 6 bar
- **Accuracy:**  $\leq \pm 0.25 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C
- **Output signal:** 4 mA ... 20 mA, 2-wire

Process connection	Seal	Connection type	Supply voltage	Type	Part no.
Conical coupling (DIN 11851) DN 25 with union nut	Without seal	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB6X0E520S0AMS0Z	6075147
Tri-Clamp 1 1/2" (DIN 32676)	EPDM	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB6X0ET10SEALS0Z	6042712
	Without seal	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB6X0ET10S0AMS0Z	6067554
Varivent connection type N	EPDM	Field housing, IP67	11 V DC ... 30 V DC	PHT-RB6X0EVN0SEAF0Z	6044371
Clamp (ISO 2852) DN 33.7	Without seal	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB6X0EC20S0ALS0Z	6083555
		M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB6X0EC20S0AMS0Z	6066693

- **Measuring range:** 0 bar ... 0.4 bar
- **Accuracy:**  $\leq \pm 0.5 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:**  $-20 \text{ }^\circ\text{C} \dots +150 \text{ }^\circ\text{C}$
- **Output signal:** 4 mA ... 20 mA, 2-wire
- **Supply voltage:** 10 V DC ... 30 V DC

Process connection	Seal	Connection type	Type	Part no.
Clamp (DIN 11864-3) DN 40 form A	Without seal	M12 round connector x 1, 4-pin, IP67	PHT-RBX40S740S0AMS0Z	6061912
Conical coupling (DIN 11851) DN 25 with union nut	EPDM	L-connector (DIN EN 175301-803 A), IP65	PHT-RBX40S520SEALS0Z	6041197
Conical coupling (DIN 11851) DN 50 with union nut	Without seal	L-connector (DIN EN 175301-803 A), IP65	PHT-RBX40S550S0ALS0Z	6041569
Flange (DIN 11864-2) DN 40 form A	Without seal	M12 round connector x 1, 4-pin, IP67	PHT-RBX40S840S0AMS0Z	6053112
Tri-Clamp 1 1/2" (DIN 32676)	Without seal	L-connector (DIN EN 175301-803 A), IP65	PHT-RBX40ST10S0ALS0Z	6042274
Tri-Clamp 2" (DIN 32676)	Without seal	M12 round connector x 1, 4-pin, IP67	PHT-RBX40ST20S0AMS0Z	6077455
Varivent connection type F	EPDM	M12 round connector x 1, 4-pin, IP67	PHT-RBX40SVF0SEAMS0Z	6064385

- **Measuring range:** 0 bar ... 0.6 bar
- **Accuracy:**  $\leq \pm 0.25 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:**  $-20 \text{ }^\circ\text{C} \dots +150 \text{ }^\circ\text{C}$
- **Output signal:** 4 mA ... 20 mA, 2-wire
- **Supply voltage:** 10 V DC ... 30 V DC

Process connection	Seal	Connection type	Type	Part no.
Conical coupling (DIN 11851) DN 40 with union nut	Without seal	M12 round connector x 1, 4-pin, IP67	PHT-RBX60E540S0AMS0Z	6068915
Tri-Clamp 1 1/2" (DIN 32676)	EPDM	M12 round connector x 1, 4-pin, IP67	PHT-RBX60ET10SEAMS0Z	6042717
Tri-Clamp 2" (DIN 32676)	Without seal	L-connector (DIN EN 175301-803 A), IP65	PHT-RBX60ET20S0ALS0Z	6040967

- **Measuring range:** 0 bar ... 1 bar
- **Accuracy:**  $\leq \pm 0.25 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:**  $-20 \text{ }^\circ\text{C} \dots +150 \text{ }^\circ\text{C}$

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Conical coupling (DIN 11851) DN 40 with union nut	Without seal	4 mA ... 20 mA, 2-wire	Flying leads, 3 m, IP68	10 V DC ... 30 V DC	PHT-RB1X0E540S0A5S0Z	6072423
Tri-Clamp 1 1/2" (DIN 32676)	EPDM	0 V ... 10 V, 3-wire	M12 round connector x 1, 4-pin, IP67	14 V DC ... 30 V DC	PHT-RB1X0ET10SEVMZ0Z	6083707
		4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB1X0ET10SEAMS0Z	6052205

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Tri-Clamp 2" (DIN 32676)	Without seal	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB1X0ET20S0AMS0Z	6050387

- **Measuring range:** 0 bar ... 16 bar
- **Accuracy:**  $\leq \pm 0.25 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Conical coupling (DIN 11851) DN 25 with union nut
- **Process temperature:** -20 °C ... +150 °C

Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Without seal	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB016E520S0AMS0Z	6061145

- **Measuring range:** 0 bar ... 25 bar
- **Accuracy:**  $\leq \pm 0.25 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Conical coupling (DIN 11851) DN 25 with union nut
- **Process temperature:** -20 °C ... +150 °C
- **Seal:** without seal
- **Output signal:** 4 mA ... 20 mA, 2-wire

Connection type	Supply voltage	Type	Part no.
Field housing, IP67	11 V DC ... 30 V DC	PHT-RB025E520S0AFT0Z	6074357
L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB025E520S0ALS0Z	6069357
M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB025E520S0AMS0Z	6067775

- **Measuring range:** 0 bar ... 4 bar
- **Accuracy:**  $\leq \pm 0.5 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C

Process connection	Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Conical coupling (DIN 11851) DN 25 with union nut	EPDM	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB4X0S520SEAMS0Z	6062928
	Without seal	0 V ... 10 V, 3-wire	M12 round connector x 1, 4-pin, IP67	14 V DC ... 30 V DC	PHT-RB4X0S520S0VMZ0Z	6072247
Conical coupling (DIN 11851) DN 40 with union nut	Without seal	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RB4X0S540S0AMS0Z	6044378
Tri-Clamp 1 ½" (DIN 32676)	EPDM	4 mA ... 20 mA, 2-wire	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RB4X0ST10SEALS0Z	6063651

- **Measuring range:** 0 bar ... 1.6 bar
- **Accuracy:**  $\leq \pm 0.5\%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Tri-Clamp 1 1/2" (DIN 32676)
- **Process temperature:** -20 °C ... +150 °C

Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Without seal	0 V ... 10 V, 3-wire	M12 round connector x 1, 4-pin, IP67	14 V DC ... 30 V DC	PHT-RB1X6ST10S0VMZ0Z	6081231

- **Measuring range:** 0 bar ... 0.25 bar
- **Accuracy:**  $\leq \pm 0.25\%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C
- **Seal:** without seal
- **Output signal:** 4 mA ... 20 mA, 2-wire

Process connection	Connection type	Supply voltage	Type	Part no.
Conical coupling (DIN 11851) DN 25 with union nut	Flying leads, 3 m, IP68	10 V DC ... 30 V DC	PHT-RBX25E520S0A5S0Z	6064660
Clamp (ISO 2852) DN 40	Field housing, IP67	11 V DC ... 30 V DC	PHT-RBX25EC40S0AFT0Z	6068341

- **Measuring range:** 0 psi ... 100 psi
- **Accuracy:**  $\leq \pm 0.5\%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Tri-Clamp 1 1/2" (DIN 32676)
- **Process temperature:** -20 °C ... +150 °C

Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Without seal	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RP100ST10S0AMS0Z	6063791

- **Measuring range:** 0 psi ... 200 psi
- **Accuracy:**  $\leq \pm 0.5\%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Tri-Clamp 1 1/2" (DIN 32676)
- **Process temperature:** -20 °C ... +150 °C

Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Without seal	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RP200ST10S0AMS0Z	6068342

- **Measuring range:** 0 psi ... 60 psi
- **Accuracy:**  $\leq \pm 0.25\%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Tri-Clamp 1 1/2" (DIN 32676)
- **Process temperature:** -20 °C ... +150 °C
- **Seal:** EPDM
- **Output signal:** 4 mA ... 20 mA, 2-wire
- **Supply voltage:** 10 V DC ... 30 V DC

Connection type	Type	Part no.
L-connector (DIN EN 175301-803 A), IP65	PHT-RP060ET10SEALS0Z	6041234
M12 round connector x 1, 4-pin, IP67	PHT-RP060ET10SEAMS0Z	6050735

- **Measuring range:** 0 psi ... 10 psi
- **Accuracy:**  $\leq \pm 0.25\%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Tri-Clamp 1 1/2" (DIN 32676)
- **Process temperature:** -20 °C ... +150 °C

Seal	Output signal	Connection type	Supply voltage	Type	Part no.
EPDM	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-RP010ET10SEAMS0Z	6048184

- **Measuring range:** 0 psi ... 5 psi
- **Accuracy:**  $\leq \pm 0.5\%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C
- **Seal:** without seal
- **Output signal:** 0 V ... 10 V, 3-wire
- **Connection type:** M12 round connector x 1, 4-pin, IP67
- **Supply voltage:** 14 V DC ... 30 V DC

Process connection	Type	Part no.
Tri-Clamp 1 1/2" (DIN 32676)	PHT-RP5X0ST10S0VMZ0Z	6063865
Tri-Clamp 2" (DIN 32676)	PHT-RP5X0ST20S0VMZ0Z	6062693

- **Measuring range:** 0 psi ... 300 psi
- **Accuracy:**  $\leq \pm 0.25\%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Tri-Clamp 1 1/2" (DIN 32676)
- **Process temperature:** -20 °C ... +150 °C

Seal	Output signal	Connection type	Supply voltage	Type	Part no.
EPDM	4 mA ... 20 mA, 2-wire	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-RP300ET10SEALS0Z	6067380

- **Measuring range:** -1 bar ... 9 bar
- **Accuracy:**  $\leq \pm 0.5\%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C
- **Seal:** without seal
- **Output signal:** 4 mA ... 20 mA, 2-wire
- **Connection type:** M12 round connector x 1, 4-pin, IP67
- **Supply voltage:** 10 V DC ... 30 V DC

Process connection	Type	Part no.
Tri-Clamp 1 1/2" (DIN 32676)	PHT-CB010ST10S0AMS0Z	6040873
Tri-Clamp 2" (DIN 32676)	PHT-CB010ST20S0AMS0Z	6065080

- **Measuring range:** -1 bar ... 15 bar
- **Accuracy:**  $\leq \pm 0.5$  %, of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Tri-Clamp 1 1/2" (DIN 32676)
- **Process temperature:** -20 °C ... +150 °C

Seal	Output signal	Connection type	Supply voltage	Type	Part no.
Without seal	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-CB016ST10S0AMS0Z	6082035

- **Measuring range:** -1 bar ... 0 bar
- **Accuracy:**  $\leq \pm 0.5$  %, of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C
- **Seal:** without seal
- **Output signal:** 4 mA ... 20 mA, 2-wire
- **Supply voltage:** 10 V DC ... 30 V DC

Process connection	Connection type	Type	Part no.
Clamp (DIN 32676) DN 32	L-connector (DIN EN 175301-803 A), IP65	PHT-CB1X0SD30S0ALS0Z	6083712
Tri-Clamp 1 1/2" (DIN 32676)	M12 round connector x 1, 4-pin, IP67	PHT-CB1X0ST10S0AMS0Z	6043209

- **Measuring range:** -1 bar ... 5 bar
- **Accuracy:**  $\leq \pm 0.5$  %, of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Tri-Clamp 1 1/2" (DIN 32676)
- **Process temperature:** -20 °C ... +150 °C
- **Seal:** EPDM

Output signal	Connection type	Supply voltage	Type	Part no.
0 V ... 10 V, 3-wire	M12 round connector x 1, 4-pin, IP67	14 V DC ... 30 V DC	PHT-CB6X0ST10SEVMZ0Z	6083171
4 mA ... 20 mA, 2-wire	L-connector (DIN EN 175301-803 A), IP65	10 V DC ... 30 V DC	PHT-CB6X0ST10SEALS0Z	6065999
	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-CB6X0ST10SEAMS0Z	6071041

- **Measuring range:** -1 bar ... 3 bar
- **Accuracy:**  $\leq \pm 0.5$  %, of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process temperature:** -20 °C ... +150 °C
- **Output signal:** 4 mA ... 20 mA, 2-wire

Process connection	Seal	Connection type	Supply voltage	Type	Part no.
Tri-Clamp 1 1/2" (DIN 32676)	Without seal	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-CB4X0ST10S0AMS0Z	6050174
Varivent connection type N	EPDM	Field housing, IP67	11 V DC ... 30 V DC	PHT-CB4X0SVN0SEAF0Z	6044346

- **Measuring range:** -1 bar ... 5 bar
- **Accuracy:**  $\leq \pm 0.25 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Conical coupling (DIN 11851) DN 40 with union nut
- **Process temperature:** -20 °C ... +150 °C

Seal	Output signal	Connection type	Supply voltage	Type	Part no.
EPDM	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-CB6X0E540SEAMS0Z	6063764

- **Measuring range:** -1 bar ... 3 bar
- **Accuracy:**  $\leq \pm 0.25 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Varivent connection type N
- **Process temperature:** -20 °C ... +150 °C
- **Seal:** EPDM
- **Output signal:** 4 mA ... 20 mA, 2-wire

Connection type	Supply voltage	Type	Part no.
Field housing, IP67	11 V DC ... 30 V DC	PHT-CB4X0EVN0SEAF0Z	6044372
M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-CB4X0EVN0SEAMS0Z	6071080

- **Measuring range:** -14.5 psi ... 0 psi
- **Accuracy:**  $\leq \pm 0.5 \%$ , of the span (optional 0.25 % of span (adjusted in vertical mounting position with lower pressure connection))
- **Process connection:** Tri-Clamp 1 1/2" (DIN 32676)
- **Process temperature:** -20 °C ... +150 °C

Seal	Output signal	Connection type	Supply voltage	Type	Part no.
EPDM	4 mA ... 20 mA, 2-wire	M12 round connector x 1, 4-pin, IP67	10 V DC ... 30 V DC	PHT-CP015ST10SEAMS0Z	6061830

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