



S+S REGELTECHNIK



# PREMASREG® PREMASGARD®

PRESSURE SENSORS / CONTROLLERS / SWITCHES  
MEASURING TRANSDUCERS FOR  
DIFFERENTIAL PRESSURE AND VOLUME FLOW



PRODUCT RANGE 2024



S+S REGELTECHNIK USA DIVISION

# PREMASREG® FOR VOLUME FLOW



Device variant with  
**M12 connector**  
(optional on request)



### Volume flow rate

$$V = k \cdot \sqrt{\Delta p}$$

V = Volume flow in m³/h

k = K factor 1...3000

Δp = Differential pressure in Pa



### Differential pressure

$$\Delta p = p_+ - p_-$$

Δp = Differential pressure in Pa

p<sub>+</sub> = higher pressure

p<sub>-</sub> = lower pressure



### Filter contamination

$$S = 100\% \cdot \Delta p \div P_{Filter}$$

S = Contamination degree in %

Δp = Differential pressure in Pa

P<sub>Filter</sub> = differential pressure  
filter replacement in Pa



### Level display

$$h = \Delta p \div (\rho \cdot g)$$

h = Fill level height in cm

Δp = Differential pressure in Pa

ρ = Density 700...1300 in kg/m³

g = 9.81 m/s²



PREMASREG® 716x  
with display

**\$323.73**



Device versions in  
stainless steel housing Tyr2E  
see online shop

The **PREMASREG® 716x** electronic pressure sensor and switch is equipped with measuring functions for volume flow, differential pressure, filter monitoring and liquid level detection based on pressure measurement in clean air. The devices feature one switching and one continuous output as well as a backlit display for switchpoint setting and indication of actual values.

The piezo-resistive measuring element guarantees a high degree of reliability and accuracy. The technology is used in clean room, medical and filter technology, in ventilation and air conditioning ducts, in spray booths, in large-scale catering facilities, for monitoring filters, for level measurement or for triggering frequency converters. Measured media are air (non-condensing) or other non-aggressive, non-combustible gaseous compounds.

**PREMASREG® 716x** has a manual zero point pushbutton and an offset potentiometer for final value correction. Fine adjustment by the user is possible at any time. Parameter entry is menu-based and easily performed using three buttons with the help of the display. Delivery includes one **ASD-06** connection set.

All devices are produced at our factory and are calibrated and 100% tested at our test benches and pressure chambers.

**PREMASREG® 716x** Pressure measuring transducer/control switches for volume flow, differential pressure, filter monitoring and liquid level detection, *Deluxe*



Pressure Range / Readout SI* Pressure / Volume Flow	Type / WG02 Housing Tyr 2	IP / Display	Item No. Output 0-10 V	Price USD
<b>0...1000 Pa / 4.0 inWC*</b>	<b>Type 7161</b>			
k=3000      94800 m³/h	<b>PREMASREG 7161-UW LCD</b>	IP 65 ■	1302-7161-4161-200 <b>1x Changeover contact</b>	<b>\$323.73</b>
<b>0...5000 Pa / 20 inWC*</b>	<b>Type 7165</b>			
k=3000      212100 m³/h	<b>PREMASREG 7165-UW LCD</b>	IP 65 ■	1302-7161-4171-200 <b>1x Changeover contact</b>	<b>\$323.73</b>

Automatic zero point calibration



actual pressure (in Pa)  
calibration interval (arrows)



remaining calibration time  
(in seconds)



cycle time (15 min to 24 hours)  
adjustable by potentiometer

# PREMASGARD® & PREMASREG® FOR GASEOUS MEDIA



PREMASGARD® 7111  
without display

**\$195.64**

PREMASREG® 7111 - U / W  
with display and changeover contact

**\$280.09**

**NEW**



PREMASREG® 7227  
Dual pressure sensor  
with display

**\$323.36**



Pressure Range / Readout SI* (adjustable)	Type / WG02 Housing Tyr 2	IP / Display	Item No. Output 4...20 mA	Item No. Output 0-10 V	Price USD
<b>PREMASGARD® 711x</b> Pressure and differential pressure measuring transducers (± 1.5%), <i>Deluxe</i>					
<b>PREMASREG® 711x</b> Pressure and differential pressure measuring transducers/switches (± 1.5%), <i>Deluxe</i>					
<b>max. ± 1000 Pa / 4.0 inWC*</b>	<b>Type 7111</b> (x = I / U)		<b>I-variant</b>	<b>U-variant</b>	
± 100 Pa (0...0.4 inWC, -0.4...+0.4 inWC)*	PREMASGARD 7111-x	IP65	1301-7112-0010-100	1301-7111-0010-200	<b>\$195.64</b>
± 300 Pa (0...1.2 inWC, -1.2...+1.2 inWC)*	PREMASGARD 7111-x LCD	IP65 ■	1301-7112-4010-100	1301-7111-4010-200	<b>\$274.47</b>
± 500 Pa (0...2.0 inWC, -2.0...+2.0 inWC)*	PREMASREG 7111-UW LCD	IP65 ■	-	1302-7111-4011-200	<b>\$280.09</b>
± 1000 Pa (0...4.0 inWC, -4.0...+4.0 inWC)*				<b>1x Changeover contact</b>	
<b>max. ± 5000 Pa / 20 inWC*</b>	<b>Type 7115</b> (x = I / U)				
± 1000 Pa (0... 4 inWC, - 4...+ 4 inWC)*	PREMASGARD 7115-x	IP65	1301-7112-0050-100	1301-7111-0050-200	<b>\$195.64</b>
± 2000 Pa (0... 8 inWC, - 8...+ 8 inWC)*	PREMASGARD 7115-x LCD	IP65 ■	1301-7112-4050-100	1301-7111-4050-200	<b>\$274.47</b>
± 3000 Pa (0...12 inWC, -12...+12 inWC)*	PREMASREG 7115-UW LCD	IP65 ■	-	1302-7111-4051-200	<b>\$280.09</b>
± 5000 Pa (0...20 inWC, -20...+20 inWC)*				<b>1x Changeover contact</b>	
<b>max. ± 100 Pa / 0.4 inWC*</b>	<b>Type 7110</b> (x = I / U)				
± 50 Pa (0...0.2 inWC, -0.2...+0.2 inWC)*	PREMASGARD 7110-x	IP65	1301-7112-0110-100	1301-7111-0110-200	<b>\$246.32</b>
± 100 Pa (0...0.4 inWC, -0.4...+0.4 inWC)*	PREMASGARD 7110-x LCD	IP65 ■	1301-7112-4110-100	1301-7111-4110-200	<b>\$316.69</b>
<b>max. ± 25 Pa / 0.1 inWC*</b>	<b>Type 7112</b> (x = I / U)				
± 25 Pa (0...0.1 inWC, -0.1...+0.1 inWC)*	PREMASGARD 7112-x	IP65	1301-7112-0370-200	1301-7111-0370-200	<b>\$315.28</b>
	PREMASGARD 7112-x LCD	IP65 ■	1301-7112-4370-200	1301-7111-4370-200	<b>\$373.28</b>
	<b>Equipped as standard with automatic zero point calibration (3-wire connection)</b>				
Extra charge:	Other special measuring ranges up to max. 5000 Pa with optional automatic zero point calibration				<b>\$58.00</b> <b>\$84.46</b>
<b>PREMASGARD® 722x</b> Dual pressure sensor (2 measuring channels), Pressure and differential pressure transducer, <i>Deluxe</i>					
<b>Pressure Range / Readout SI*</b> (adjustable per channel)	<b>Type / WG02</b> Housing Tyr 2	<b>IP / Display</b>	<b>Output</b> (automatic)	<b>Item No.</b>	<b>Price</b> USD
<b>(1) max. ± 500 Pa / 2.0 inWC*</b> <b>(2) max. ± 500 Pa / 2.0 inWC*</b>	<b>Type 7225</b>		<b>AOS</b>		
± 100 Pa (0...0.4 inWC, -0.4...+0.4 inWC)*	PREMASGARD 7225	IP65	0-10 V / 4...20 mA	1301-712A-0910-200	<b>\$266.61</b>
± 200 Pa (0...0.8 inWC, -0.8...+0.8 inWC)*	PREMASGARD 7225 LCD	IP65 ■	0-10 V / 4...20 mA	1301-712A-4910-200	<b>\$323.36</b>
± 300 Pa (0...1.2 inWC, -1.2...+1.2 inWC)*					
± 500 Pa (0...2.0 inWC, -2.0...+2.0 inWC)*					
<b>(1) max. ± 7000 Pa / 28 inWC*</b> <b>(2) max. ± 7000 Pa / 28 inWC*</b>	<b>Type 7227</b>		<b>AOS</b>		
± 1000 Pa (0... 4 inWC, - 4...+ 4 inWC)*	PREMASGARD 7227	IP65	0-10 V / 4...20 mA	1301-712A-0950-200	<b>\$266.61</b>
± 3000 Pa (0...12 inWC, -12...+12 inWC)*	PREMASGARD 7227 LCD	IP65 ■	0-10 V / 4...20 mA	1301-712A-4950-200	<b>\$323.36</b>
± 5000 Pa (0...20 inWC, -20...+20 inWC)*					
± 7000 Pa (0...28 inWC, -28...+28 inWC)*					
<b>(1) max. ± 500 Pa / 2.0 inWC*</b> <b>(2) max. ± 7000 Pa / 28 inWC*</b>	<b>Type 7229</b>		<b>AOS</b>		
Channel (1) : see Type 7225	PREMASGARD 7229	IP65	0-10 V / 4...20 mA	1301-712A-0930-200	<b>\$266.61</b>
Channel (2) : see Type 7227	PREMASGARD 7229 LCD	IP65 ■	0-10 V / 4...20 mA	1301-712A-4930-200	<b>\$323.36</b>





PREMASGARD® 2121-SD  
with snap-on lid

**\$158.86**



PREMASGARD® 2111  
without display

**\$177.04**



PREMASGARD® 2121-SD  
with display

**\$215.40**



PREMASGARD®  
232x-Modbus-T3  
without display

**\$236.12**

PREMASGARD®  
232x-Modbus-T3  
with display

**\$297.07**

PREMASGARD® 212x-SD		Pressure, differential pressure and volume flow measuring transducers, <i>Standard</i>		
PREMASGARD® 211x / 212x		Pressure, differential pressure and volume flow measuring transducers, <i>Premium</i>		
Pressure Range / Readout SI* (adjustable)	Type / WG01 Housing Tyr 1 with quick-locking screws Type SD = Tyr 01 with snap-on lid	IP / Display	Item No. Output (adjustable) 4...20mA / 0-10V	Price USD
<b>max. ± 1000 Pa / 4.0 inWC*</b>	<b>Type 2111 / 2121</b>			
± 100 Pa (0...0.4 inWC, -0.4...+0.4 inWC)*	PREMASGARD 2111	IP67	1301-1197-0010-000	<b>\$177.04</b>
± 300 Pa (0...1.2 inWC, -1.2...+1.2 inWC)*	PREMASGARD 2111 LCD	IP67 ■	1301-1197-2010-000	<b>\$235.97</b>
± 500 Pa (0...2.0 inWC, -2.0...+2.0 inWC)*	PREMASGARD 2121	IP67	1301-11A7-0010-000	<b>\$177.04</b>
± 1000 Pa (0...4.0 inWC, -4.0...+4.0 inWC)*	PREMASGARD 2121 LCD	IP67 ■	1301-11A7-2010-000	<b>\$235.97</b>
	PREMASGARD 2121-SD	<b>IP54</b>	1301-11B7-0010-000	<b>\$158.86</b>
	PREMASGARD 2121-SD LCD	<b>IP54 ■</b>	1301-11B7-2010-000	<b>\$215.40</b>
<b>max. ± 5000 Pa / 20 inWC*</b>	<b>Type 2115 / 2125</b>			
± 1000 Pa (0... 4 inWC, - 4...+ 4 inWC)*	PREMASGARD 2115	IP67	1301-1197-0050-000	<b>\$177.04</b>
± 2000 Pa (0... 8 inWC, - 8...+ 8 inWC)*	PREMASGARD 2115 LCD	IP67 ■	1301-1197-2050-000	<b>\$235.97</b>
± 3000 Pa (0...12 inWC, -12...+12 inWC)*	PREMASGARD 2125	IP67	1301-11A7-0050-000	<b>\$177.04</b>
± 5000 Pa (0...20 inWC, -20...+20 inWC)*	PREMASGARD 2125 LCD	IP67 ■	1301-11A7-2050-000	<b>\$235.97</b>
	PREMASGARD 2125-SD	<b>IP54</b>	1301-11B7-0050-000	<b>\$158.86</b>
	PREMASGARD 2125-SD LCD	<b>IP54 ■</b>	1301-11B7-2050-000	<b>\$215.40</b>
<b>max. ± 100 Pa / 0.4 inWC*</b>	<b>Type 2110 / 2120</b>			
± 50 Pa (0...0.2 inWC, -0.2...+0.2 inWC)*	PREMASGARD 2110	IP67	1301-1197-0110-000	<b>\$177.04</b>
± 100 Pa (0...0.4 inWC, -0.4...+0.4 inWC)*	PREMASGARD 2110 LCD	IP67 ■	1301-1197-2110-000	<b>\$235.97</b>
	PREMASGARD 2120	IP67	1301-11A7-0110-000	<b>\$177.04</b>
	PREMASGARD 2120 LCD	IP67 ■	1301-11A7-2110-000	<b>\$235.97</b>
	PREMASGARD 2120-SD	<b>IP54</b>	1301-11B7-0110-000	<b>\$158.86</b>
	PREMASGARD 2120-SD LCD	<b>IP54 ■</b>	1301-11B7-2110-000	<b>\$215.40</b>
<b>max. ± 10000 Pa / 40 inWC*</b>	<b>Type 2116 / 2126</b>			
± 4000 Pa (0...16 inWC, -16...+16 inWC)*	PREMASGARD 2116	IP67	1301-1197-0060-000	<b>\$201.00</b>
± 6000 Pa (0...24 inWC, -24...+24 inWC)*	PREMASGARD 2116 LCD	IP67 ■	1301-1197-2060-000	<b>\$259.93</b>
± 8000 Pa (0...32 inWC, -32...+32 inWC)*	PREMASGARD 2126	IP67	1301-11A7-0060-000	<b>\$201.00</b>
± 10000 Pa (0...40 inWC, -40...+40 inWC)*	PREMASGARD 2126 LCD	IP67 ■	1301-11A7-2060-000	<b>\$259.93</b>
	PREMASGARD 2126-SD	<b>IP54</b>	1301-11B7-0060-000	<b>\$182.82</b>
	PREMASGARD 2126-SD LCD	<b>IP54 ■</b>	1301-11B7-2060-000	<b>\$239.37</b>
<b>PREMASGARD® 232x-Modbus-T3</b>		Pressure and differential pressure measuring transducers		
Pressure Range / Readout Imperial	Type / WG01 Housing Tyr 3	IP / Display	Item No. Output RS485	Price USD
<b>max. ± 500 Pa / 2.0 inWC</b>	<b>Type 2328</b>			
-500...+500 Pa	PREMASGARD 2328-Modbus-T3	IP65	1301-12C4-0910-200	<b>\$236.12</b>
-2.0...+2.0 inWC	PREMASGARD 2328-Modbus-T3 LCD	IP65 ■	1301-12C4-4910-200	<b>\$297.07</b>
<b>max. ± 7000 Pa / 28 inWC</b>	<b>Type 2327</b>			
-7000...+7000 Pa	PREMASGARD 2327-Modbus-T3	IP65	1301-12C4-0950-200	<b>\$236.12</b>
-28...+28 inWC	PREMASGARD 2327-Modbus-T3 LCD	IP65 ■	1301-12C4-4950-200	<b>\$297.07</b>



**PREMASGARD®  
714x-Modbus**  
On-wall sensor  
for differential pressure  
and volume flow,  
without display

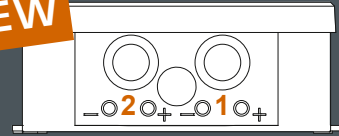
**\$407.84**



**PREMASGARD®  
814x-Modbus**  
Duct sensors for humidity,  
temperature, differential  
pressure and volume flow,  
with display

**\$587.29**

**NEW**



**PREMASGARD®  
724xT-Modbus**  
Dual pressure sensor with  
connection option for  
external Pt1000 sensor,  
with display

**\$393.32**

**PREMASGARD®  
724x-Modbus**  
Dual pressure sensor,  
without display

**\$296.96**



<b>PREMASGARD® 714x-Modbus</b>		On-wall sensor for differential pressure and volume flow, <i>Deluxe</i>			
<b>PREMASGARD® 814x-Modbus</b>		Duct sensor for humidity, temperature, differential pressure and volume flow, <i>Deluxe</i>			
Measuring Range / Readout Imperial	Type / WG02	IP / Display	Item No.	Price	
Pressure Humidity, Temperature	Housing Tyr 2		Output <b>RS485</b>	USD	
<b>max. ± 500 Pa / 2.0 inWC</b>	<b>Type 7148 / 8148</b> with automatic zero point calibration				
-500...+500 Pa	PREMASGARD <b>7148-Modbus</b>	IP 65	1301-7164-0910-20V	<b>\$473.83</b>	
-2.0...+2.0 inWC	PREMASGARD <b>7148-Modbus LCD</b>	IP 65 ■	1301-7164-4910-20V	<b>\$526.63</b>	
-500...+500 Pa 0...100% RH -35...+80 °C	PREMASGARD <b>8148-Modbus</b>	IP 65	1301-8144-0910-20V	<b>\$600.93</b>	
-2.0...+2.0 inWC -31...+176 °F	PREMASGARD <b>8148-Modbus LCD</b>	IP 65 ■	1301-8144-4910-20V	<b>\$656.27</b>	
<b>max. ± 7000 Pa / 28 inWC</b>	<b>Type 7147 / 8147</b> without automatic zero point calibration				
-7000...+7000 Pa	PREMASGARD <b>7147-Modbus</b>	IP 65	1301-7164-0950-200	<b>\$407.84</b>	
-28...+28 inWC	PREMASGARD <b>7147-Modbus LCD</b>	IP 65 ■	1301-7164-4950-200	<b>\$460.63</b>	
-7000...+7000 Pa 0...100% RH -35...+80 °C	PREMASGARD <b>8147-Modbus</b>	IP 65	1301-8144-0950-200	<b>\$531.27</b>	
-28...+28 inWC -31...+176 °F	PREMASGARD <b>8147-Modbus LCD</b>	IP 65 ■	1301-8144-4950-200	<b>\$587.29</b>	
Extra charge:	with optional automatic zero point calibration			<b>\$84.46</b>	

<b>PREMASGARD® 724x-Modbus</b>		Dual pressure sensor (2 measuring channels) for differential pressure and volume flow, <i>Deluxe</i>			
<b>Pressure Range / Readout Imperial</b> (adjustable per channel)		<b>Type / WG02</b> Housing Tyr 2		<b>IP / Display</b>	
				<b>Item No.</b> Output <b>RS485</b>	
				<b>Price</b> USD	
<b>(1) max. ± 500 Pa / 2.0 inWC</b> <b>(2) max. ± 500 Pa / 2.0 inWC</b>		<b>Type 7245</b>			
Channel (1) and (2):		PREMASGARD 7245-Modbus	IP 65	1301-7224-0910-200	<b>\$296.96</b>
-500...+500 Pa	44721 m³/h	PREMASGARD 7245-Modbus LCD	IP 65 ■	1301-7224-4910-200	<b>\$353.72</b>
-2.0...+2.0 inWC	26321 CFM (k = 2000)	PREMASGARD 7245T-Modbus	IP 65	1301-7224-0910-2W0	<b>\$336.57</b>
		PREMASGARD 7245T-Modbus LCD	IP 65 ■	1301-7224-4910-2W0	<b>\$393.32</b>
<b>(1) max. ± 7000 Pa / 28 inWC</b> <b>(2) max. ± 7000 Pa / 28 inWC</b>		<b>Type 7247</b>			
Channel (1) and (2):		PREMASGARD 7247-Modbus	IP 65	1301-7224-0950-200	<b>\$296.96</b>
-7000...+7000 Pa	167332 m³/h	PREMASGARD 7247-Modbus LCD	IP 65 ■	1301-7224-4950-200	<b>\$353.72</b>
-28...+28 inWC	98488 CFM (k = 2000)	PREMASGARD 7247T-Modbus	IP 65	1301-7224-0950-2W0	<b>\$336.57</b>
		PREMASGARD 7247T-Modbus LCD	IP 65 ■	1301-7224-4950-2W0	<b>\$393.32</b>
<b>(1) max. ± 500 Pa / 2.0 inWC</b> <b>(2) max. ± 7000 Pa / 28 inWC</b>		<b>Type 7249</b>			
Channel (1) :		PREMASGARD 7249-Modbus	IP 65	1301-7224-0930-200	<b>\$296.96</b>
see Type 7245		PREMASGARD 7249-Modbus LCD	IP 65 ■	1301-7224-4930-200	<b>\$353.72</b>
Channel (2) :		PREMASGARD 7249T-Modbus	IP 65	1301-7224-0930-2W0	<b>\$336.57</b>
see Type 7247		PREMASGARD 7249T-Modbus LCD	IP 65 ■	1301-7224-4930-2W0	<b>\$393.32</b>
<b>Housing variant "T":</b>		Connection facility for external <b>Pt1000</b> sensor (sensor element not included in the scope of delivery)			



ALD  
for atmospheric pressure

**\$195.21**



ALD with display  
for atmospheric pressure

**\$230.20**

## PREMASGARD® & PREMASREG® FOR ATMOSPHERIC PRESSURE / FOR DIFFERENTIAL PRESSURE (MECHANICAL)



DS 1 with mounting angle,  
mechanical

**\$61.92**



DS 2 with mounting ring,  
mechanical

**\$40.86**

**PREMASGARD® ALD** measures the atmospheric pressure within a range of max. 600 to 1100 hPa. Areas of application for this pressure sensor include ventilation and air conditioning technology, air pressure dependent control systems, meteorological measurement stations and climate observation units. The pressure sensor excels thanks to its high accuracy, long-term stability and reliability.

As mechanical differential pressure switches, **PREMASREG® DS 1** (with metal mounting angle) and **PREMASREG® DS 2** (with 4-hole plastic base ring) are used for monitoring above-atmospheric, differential and below-atmospheric pressures of clean air and non-aggressive, non-combustible gaseous media in air ducts, air intake or exhaust devices. They also serve as flow, differential pressure or pressure monitors for heating registers, V-belts, filters, fans and air flaps, for air pressure deficiency protection or as limiting value controllers. The switchpoint is adjusted using the internal precision scale. These instruments are factory calibrated.

PREMASGARD® ALD Measuring transducers for atmospheric pressure				
Measuring Range (adjustable)	Type / WG01 Housing Tyr 1	IP / Display	Item No. Output (adjustable) 4...20 mA / 0-10 V	Price USD
max. 600...1100 hPa	ALD	IP 65	1301-1157-0130-200	<b>\$195.21</b>
600 / 700 / 800 / 900...1100 hPa	ALD LCD	IP 65	1301-1157-2130-200	<b>\$230.20</b>

PREMASREG® DS 1 Mechanical differential pressure switches with mounting angle, <i>Premium</i>							
PREMASREG® DS 2 Mechanical differential pressure switches with mounting ring, <i>Standard</i>							
Type	Pressure Ranges / Display scale SI*			Operating Difference approx.	Max. Pressure	Item No.	Price USD
<b>DS 1 / WG02</b>	<i>Premium</i>					<b>with mounting angle DS-MW-Z</b>	
DS-106	20... 300 Pa	0.2...3.0 mbar	(0.08...1.2 inWC)*	0.1 mbar ± 15 %	5000 Pa / 50 mbar	1302-4011-0000-000	<b>\$61.92</b>
DS-106 A	50... 500 Pa	0.5...5.0 mbar	(0.2...2.0 inWC)*	0.2 mbar ± 15 %	5000 Pa / 50 mbar	1302-4012-0000-000	<b>\$61.92</b>
DS-106 B	100...1000 Pa	1.0...10.0 mbar	(0.4...4.0 inWC)*	0.4 mbar ± 15 %	5000 Pa / 50 mbar	1302-4013-0000-000	<b>\$61.92</b>
DS-106 C	500...2000 Pa	5.0...20.0 mbar	(2.0...8.0 inWC)*	1.0 mbar ± 15 %	5000 Pa / 50 mbar	1302-4014-0000-000	<b>\$61.92</b>
DS-106 D	1000...5000 Pa	10.0...50.0 mbar	(4.0...20.0 inWC)*	2.5 mbar ± 15 %	7500 Pa / 75 mbar	1302-4015-0000-000	<b>\$61.92</b>
<b>DS 2 / WG03B</b>	<i>Standard</i>					<b>with mounting ring</b>	
DS-205 F	20... 300 Pa	0.2...3.0 mbar	(0.08...1.2 inWC)*	0.1 mbar ± 15 %	5000 Pa / 50 mbar	1302-4026-0000-000	<b>\$40.86</b>
DS-205 B	50... 500 Pa	0.5...5.0 mbar	(0.2...2.0 inWC)*	0.2 mbar ± 15 %	5000 Pa / 50 mbar	1302-4022-0000-000	<b>\$40.86</b>
DS-205 D	100...1000 Pa	1.0...10.0 mbar	(0.4...4.0 inWC)*	0.4 mbar ± 15 %	5000 Pa / 50 mbar	1302-4027-0000-000	<b>\$40.86</b>
DS-205 E	500...2000 Pa	5.0...20.0 mbar	(2.0...8.0 inWC)*	1.0 mbar ± 15 %	5000 Pa / 50 mbar	1302-4028-0000-000	<b>\$40.86</b>
<b>ACCESSORIES</b>							
DS-MW-Z	Sheet steel mounting angle in Z-form (DS 1: included in the scope of delivery)					7100-0063-0000-000	<b>\$15.55</b>
DS-MW-L	Sheet steel mounting angle in L-form					7100-0063-1000-000	<b>\$15.91</b>
DS-MW-U	Sheet steel mounting angle in U-form					7100-0060-9000-000	<b>\$19.56</b>

# PREMASGARD® FOR LIQUID MEDIA



SHD-SD  
incl. DIN receptacle

**\$151.14**



SHD  
incl. DIN receptacle

**\$180.77**



SHD-SD LCD  
incl. DIN receptacle

**\$471.35**



SHD 692  
incl. DIN receptacle  
and mounting angle

**\$410.62**



SHD 692 LCD  
incl. DIN receptacle  
and mounting angle

**\$730.84**

## PREMASGARD® SHD-SD PREMASGARD® SHD

Pressure measuring transducers, *Standard* – Not applicable for ammonia and Freon!  
Pressure measuring transducers, *Premium* – Applicable for ammonia and Freon!

Pressure Range / Readout SI*	Type / WG01	Display	Item No. Output 0-10V	Item No. Output 4...20mA	Price USD
	<b>SHD-SD-x = U / I</b>		U - variant	I - variant	
0...6 bar 0...87 psi*	SHD-SD-x 6		1301-2121-0550-120	1301-2122-0550-000	\$151.14
	SHD-SD-x 6 LCD	■	1301-2121-1550-120	1301-2122-1550-000	\$471.35
0...10 bar 0...145 psi*	SHD-SD-x 10		1301-2121-0560-120	1301-2122-0560-000	\$151.14
	SHD-SD-x 10 LCD	■	1301-2121-1560-120	1301-2122-1560-000	\$471.35
0...16 bar 0...232 psi*	SHD-SD-x 16		1301-2121-0570-120	1301-2122-0570-000	\$151.14
	SHD-SD-x 16 LCD	■	1301-2121-1570-120	1301-2122-1570-000	\$471.35
	<b>SHD-x = U / I</b>		U - variant	I - variant	
0...1 bar 0...14.5 psi*	SHD-x 1		1301-2111-0520-220	1301-2112-0520-120	\$249.66
	SHD-x 1 LCD	■	1301-2111-1520-220	1301-2112-1520-120	\$569.88
0...2.5 bar 0...36.25 psi*	SHD-x 2.5		1301-2111-0530-220	1301-2112-0530-120	\$249.66
	SHD-x 2.5 LCD	■	1301-2111-1530-220	1301-2112-1530-120	\$569.88
0...6 bar 0...87 psi*	SHD-x 6		1301-2111-0550-220	1301-2112-0550-120	\$180.77
	SHD-x 6 LCD	■	1301-2111-1550-220	1301-2112-1550-120	\$500.97
0...10 bar 0...145 psi*	SHD-x 10		1301-2111-0560-220	1301-2112-0560-120	\$180.77
	SHD-x 10 LCD	■	1301-2111-1560-220	1301-2112-1560-120	\$500.97
0...16 bar 0...232 psi*	SHD-x 16		1301-2111-0570-220	1301-2112-0570-120	\$180.77
	SHD-x 16 LCD	■	1301-2111-1570-220	1301-2112-1570-120	\$500.97
0...25 bar 0...362.6 psi*	SHD-x 25		1301-2111-0580-220	1301-2112-0580-120	\$249.66
	SHD-x 25 LCD	■	1301-2111-1580-220	1301-2112-1580-120	\$569.88
0...40 bar 0...580 psi*	SHD-x 40		1301-2111-0590-220	1301-2112-0590-120	\$249.66
	SHD-x 40 LCD	■	1301-2111-1590-220	1301-2112-1590-120	\$569.88

## PREMASGARD® SHD 692

Pressure measuring transducers, *Deluxe* – Not applicable for ammonia and Freon!

Pressure Range / Readout SI* (One-sided max. pressure)	Type / WG02	Display	Item No. Output 0-10V	Item No. Output 4...20mA	Price USD
	<b>SHD 692-x = U / I</b>		U - variant	I - variant	
0...0.1 bar (0.6 bar) 0...1.45 psi* (8.7 psi)	SHD 692-x-900		1301-4121-0500-000	1301-4122-0500-000	\$410.62
	SHD 692-x-900-LCD	■	1301-4121-1500-000	1301-4122-1500-000	\$730.84
0...0.5 bar (3 bar) 0...7.25 psi* (43.5 psi)	SHD 692-x-907		1301-4121-0510-000	1301-4122-0510-000	\$410.62
	SHD 692-x-907-LCD	■	1301-4121-1510-000	1301-4122-1510-000	\$730.84
0...1 bar (5 bar) 0...14.5 psi* (72.5 psi)	SHD 692-x-912		1301-4121-0520-000	1301-4122-0520-000	\$410.62
	SHD 692-x-912-LCD	■	1301-4121-1520-000	1301-4122-1520-000	\$730.84
0...2.5 bar (12 bar) 0...36.25 psi* (174 psi)	SHD 692-x-916		1301-4121-0530-000	1301-4122-0530-000	\$410.62
	SHD 692-x-916-LCD	■	1301-4121-1530-000	1301-4122-1530-000	\$730.84
0...4 bar (12 bar) 0...58 psi* (174 psi)	SHD 692-x-918		1301-4121-0540-000	1301-4122-0540-000	\$410.62
	SHD 692-x-918-LCD	■	1301-4121-1540-000	1301-4122-1540-000	\$730.84
0...6 bar (12 bar) 0...87 psi* (174 psi)	SHD 692-x-919		1301-4121-0550-000	1301-4122-0550-000	\$410.62
	SHD 692-x-919-LCD	■	1301-4121-1550-000	1301-4122-1550-000	\$730.84
0...10 bar (20 bar) 0...145 psi* (290 psi)	SHD 692-x-930		1301-4121-0560-000	1301-4122-0560-000	\$410.62
	SHD 692-x-930-LCD	■	1301-4121-1560-000	1301-4122-1560-000	\$730.84





S+S REGELTECHNIK



The new S+S company headquarters on a total area of 14,000 m<sup>2</sup> in Nordostpark on the outskirts of Nuremberg offers a seamlessly integrated production and development environment with excellent air and road links.

S+S stands for a fully integral value chain. All products are designed, developed, manufactured and programmed in-house.

Development, manufacturing and sales in Nuremberg are certified by TÜV Thüringen according to DIN EN ISO 9001:2015 (quality management) and DIN EN ISO 14001:2015 (environmental management).

All devices are function tested as well as calibrated in-house prior to shipment and meet strict safety, quality and sustainability standards.



S+S REGELTECHNIK GMBH  
USA DIVISION  
LAS VEGAS, NV 89130

Phone: +1 725 264 4055  
E-Mail: USA@SplusS.com

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