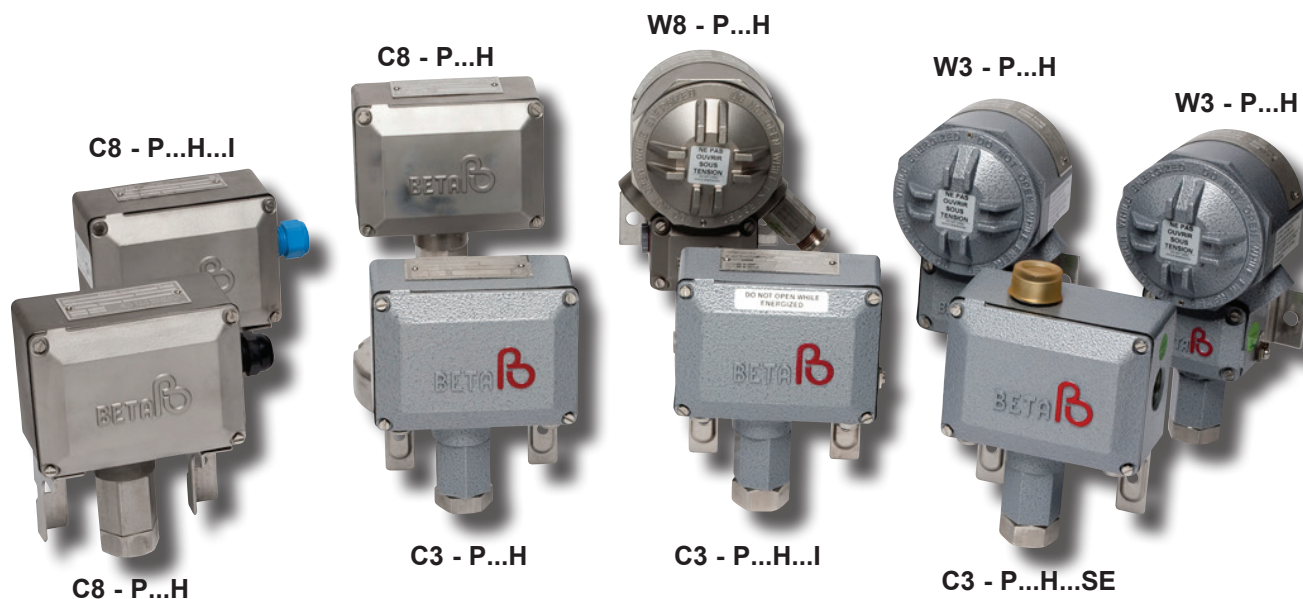


PRESSURE SWITCHES

1 Enclosure:

C3 - P304L - S1N - B1 - K1 - Y - X2



ENCLOSURE CODE	CLASSIFICATION	ELECTRIAL COND. CONN.	MATERIAL	EARTH TERMINAL	TERM. BLOCK	TYPE OF SENSOR				
						Press.	Fluid P.	Vacuum	Diff.	Temp.
C1 2)	Weathertight (IP66) Intrinsically safe (with Option "I") Ex ia / ib	PG 13,5	Aluminium	Standard (Internal)	Standard	√	√	√	√	√
C2 2)		M20 x 1,5								
C3 2)		3/4“ NPT (F)								
C4 2)		1/2” NPT (F)								
C8		M20 x 1,5	316 SS 1)							
C9		3/4“ NPT (F)								
W3 2)	Weathertight (IP66) Explosion-proof	3/4“ NPT (F)	Aluminium	Standard In- & External	Standard	√	√	√	√	√
W8		M20 x 1,5	316 SS 1)							
W9		3/4“ NPT (F)								

1) SS 316 sensor body : **P..L/M/H & D..L/H** -
D..M : Sensor body SS 303/304.

**** 2" Pipe mount bracket sets available, see page 31.**

- Adjusting nut (SS 303/304)

2) Powder coated acc. to BETA SP025,
dry film thickness approx. 70 microns finish hammertone silver/grey high gloss.
Due to the nature of hammertone finish color difference might be visible and cannot be avoided.



NOTE:

BETA also manufactures an OEM modelrange called, B2 BETAMINI,
ask for our separate catalogue (SP.240).

Or check our website www.beta-b.nl / - at the download section.



PRESSURE SWITCHES

2 RANGES for Pressure switches:

C3 - **P304L** - S1N - B1 - K1 - Y - X2

"Ranges" given here are valid for setpoints at **increasing pressures** (also vacuum) of the **high end** of the range, and **decreasing** for the **low end** of the range.

The "Deadband" values are the max. possible values for a standard micro switch & diaphragm/ O-ring combination. Deadband and varies nearly linear with setpoint between indicated limits of range and should be multiplied by deadband multipliers as given in section 4 and 5, where appropriate. For Fluid Power multiplier acc. to section 5 only.

-Selection of other than standard micro switch may influence the lower end of range.

RANGE CODE	ADJUSTABLE RANGE		MAX. DEADBAND		MAX. OVERRANGE PRESSURE	PROOF PRESSURE
P 301 L ¹⁾	[2 - 15]	mbar	[1.1 - 1.9]	mbar	10 bar	15 bar
P 302 L ¹⁾	[10 - 100]	mbar	[2.5 - 3.5]	mbar	30 bar	35 bar
P 304 L	[20 - 240]	mbar	[6 - 9]	mbar		
P 306 L	[20 - 560]	mbar	[6 - 12]	mbar		
P 308 L	[25 - 1300]	mbar	[7 - 15]	mbar	125 bar	140 bar
P 402 M	[100 - 400]	mbar	[15 - 20]	mbar		
P 404 M	[100 - 950]	mbar	[15 - 30]	mbar		
P 406 M	[120 - 2300]	mbar	[16 - 50]	mbar		
P 408 M	[150 - 5400]	mbar	[16 - 90]	mbar	200 bar	600 bar
P 502 H	0.3 - 1.6	bar	[65 - 95]	mbar		
P 504 H	0.4 - 3.5	bar	[65 - 160]	mbar		
P 506 H	0.5 - 9.0	bar	[65 - 330]	mbar		
P 508 H	0.7 - 21.5	bar	[70 - 810]	mbar		
P 706 H	2.5 - 32	bar	0.3 - 1.65	bar	300 bar	
P 708 H	3.0 - 76	bar	0.3 - 3.75	bar		
P 808 H	4.0 - 170	bar	0.8 - 9.5	bar	400 bar	
P 908 H	10 - 300	bar	2.0 - 19.5	bar		
P 909 H	10 - 350	bar	2.0 - 25	bar		

¹⁾ Only available with L1 -micro switch element.

RANGES for Fluid power switches:

RANGE CODE	ADJUSTABLE RANGE		MAX. DEADBAND		MAX. OVERRANGE PRESSURE	PROOF PRESSURE
P 904 F	12 - 55	bar	3.5 - 6.0	bar	650 bar	700 bar
P 906 F	16 - 130	bar	4.0 - 8.5	bar		
P 908 F	20 - 300	bar	6 - 12	bar		
P 918 F	30 - 540	bar	15 - 31	bar		

** Fluid Power switches are to be used on clean, lubricating fluids only.

RANGES for Vacuum switches:

RANGE CODE	ADJUSTABLE RANGE ¹⁾ (Incr. VAC. to Press.)		MAX. DEADBAND (VAC. / PRESS.)		MAX. VACUUM		MAX. OVERRANGE PRESSURE		PROOF PRESSURE	
V 301 L ²⁾	[-10 to -3]	[mbar]	[1]	[mbar]	[-500]	[mbar]	+10	bar	+15	bar
V 304 L	[-60/0/+150]	[mbar]	[4/4/6.5]	[mbar]	[-500]	[mbar]	+30	bar	+35	bar
V 404 M	[-400/0/+400]	[mbar]	[16/16/25]	[mbar]	-1	bar	+125	bar	+140	bar
V 406 M	[-980/0/+1000]	[mbar]	[30/30/40]	[mbar]						
V 506 H	-1/0/+6	bar	[80/80/250]	[mbar]	-1	bar	+200	bar	+600	bar

¹⁾ For setpoint around 0 bar gauge, please consult your local representative.

²⁾ Stability of setpoint around 0 bar gauge, is not guaranteed.

PRESSURE SWITCHES

2 RANGES for Differential switches:

C3 - **D352H** - S1N - B1 - K1 - Y - X2

RANGE CODE	ADJUSTABLE RANGE DIFF. RANGE ¹⁾		TYPICAL DEADBAND ¹⁾		MAX. STATIC PRESSURE		MAX. OVERRANGE PRESSURE		PROOF PRESSURE	
P 301 L...-D 6)	[2 - 15] 2)	[mbar]	[1,1-1,97]	[mbar]	10	bar	10 4)	bar	15	bar
D 302 L	[12 - 75] 2)	[mbar]	[7]	[mbar]	30	bar	30 3)	bar	35	bar
D 304 L	[22 - 180]	[mbar]	[8]	[mbar]						
D 306 L	[25 - 450]	[mbar]	[11]	[mbar]						
D 309 L	[35 - 1250]	[mbar]	[15]	[mbar]						
D 402 M	0.3 - 1.0	bar	0.15	bar	10	bar	140 5)	bar	140	bar
D 404 M	0.5 - 2.5	bar	0.2	bar	50	bar				
D 406 M	1.0 - 6.0	bar								
D 408 M	1.0 - 14.5	bar								
D 506 M	5 - 20	bar	0.8	bar	100	bar				
D 508 M	10 - 50	bar								
D 608 M	10 - 70	bar	1.5	bar	140	bar				
D 352 H	[80 - 160]	[mbar]	[25]	[mbar]	200	bar	200 5)	bar	200	bar
D 354 H	[100 - 500]	[mbar]	[35]	[mbar]						
D 356 H	[120 - 1450]	[mbar]	[50]	[mbar]						
D 359 H	[150 - 3450]	[mbar]	[75]	[mbar]						

RANGES for Bi-Directional:

D 356 D	[100 - 1500] [mbar]	[35 - 65] [mbar]	200 bar	200 ⁵⁾ bar	200 bar
D 358 D	[100 - 3500] [mbar]	[45 - 115] [mbar]			

NOTES:

- ¹⁾ Ranges and deadbands are given at 50% of Max. Static pressure.
All differential pressure sensors are sensitive to static pressure, both for setpoint and deadband.
- ²⁾ Range only with L1 micro switch.
- ³⁾ D...L can withstand a differential pressure P-Low max. 1 bar above P-High.
- ⁴⁾ P 301L...D can withstand a differential pressure P-Low max. 100 mbar above P-High.
- ⁵⁾ D...M, D...H and D...D can sustain full High and Low-side reversal.
- ⁶⁾ Only available with **G3**-enclosure.
- For more details, page 16.

The following table show the **INFLUENCE** for **INCREASING STATIC PRESSURE**:

SENSOR	SETPOINT	DEADBAND
P301L...D	= + 0.1 mbar/bar	= + 0.1 mbar/bar
D...L	- 0.7 mbar/bar	= - 0.1 mbar/bar
D...M	= + 3 mbar/bar	+ 10 mbar/bar
D...H	- 2 mbar/bar	= - 0.4 mbar/bar

Example:

D...H - type Diff. setpoint: 1 bar (1000 mbar).
If static pressure increases 10 bar then the differential setpoint will be:
(10 times - 2 mbar) = 20 mbar - 1000 mbar = 980 mbar.

NOTE:

For differential application outside above ranges consult your BETA Representative.

PRESSURE SWITCHES

3 Process Connections:

C3 - P304L - **S1N** - B1 - K1 - Y - X2

PROCESS CONNECTION SIZE/ CODE	WITH SENSOR	ALUMINIUM		SS 316		MONEL		BRASS	
		NPT	BSP	NPT	BSP	NPT	BSP	NPT	BSP
1/4"F	F			S1N	S1B			B1N	B1B
	L								
	D...L (Low side)	A1N	A1B			M1N	M1B		
	D...L (High Side)								
	H / M / D...M								
	D...H / D								
1/2"F	F			S2N	S2B			B2N	B2B
	L D...L (High Side)					M2N	M2B		
	H / M / D...M								
1/2"M	L, M & H D...L / M (High Side)			S7N	S7B	M7N	M7B		
1/2" Gauge Connection	H L & M				S7G				
Not for vacuum	1"F	L & D...L (High Side)		S4N	S4B				
	2"F	L & D...L (High Side)		S6N	S6B			B6N	B6B
	1"M	M & H D...M			S8N	S8B			

- 1) Standard process connection for**
- "L" ow pressure sensor body : **S1N or S1B**
 - "M" edium & "H" igh pressure sensor body : **S1N or S1B**
 - "F" luid power pressure sensor body : **B1N or B1B**
 - Differential switches: D...H, D...D, D...M : **S1N or S1B**
 - D...L : **A1N or A1B; For Low side only**
 - HIGH side: **Only "L"-sensor connections**

- 2) Vacuum switches:** Process connection size max. 1/2". Vacuum piston & spring (both wetted) standard in 316 SS.

NOTES:

> Process connection according to NACE standards are available, consult your BETA Representative.

Materials such as PVC, Hastelloy, Titanium, special sensor sizes and Teflon lined flanged connections are available on request.



4 Diaphragm/ O-rings:

C3 - P304L - S1N - **B1** - K1 - Y - X2

DIAPHRAGM / O-RING CODE	DIAPHRAGM ⁶⁾	O-RING	USE ¹⁾	DEADBAND MULTIPLIER
B1	Buna-N	Buna-N ²⁾	Standard water / oil (-30°C to +80°C).	1.0
E6	EPDM	EPDM ²⁾	Some hydraulic fluids, steam condensate.	1.0
K5	Kalrez	Kalrez ²⁾	Highly corrosive fluids.	1.5
M1	Monel	Buna-N ⁵⁾	Seawater.	2.0
M2		Viton-A ⁴⁾	Process temperature NOT below minus 10°C. ⁷⁾	
M4		PTFE	Corrosive acids.	
M5		Kalrez	Highly corrosive and permeative acids.	
N3	Neoprene	Neoprene ²⁾	When required.	1.0
P1	PTFE (Polyimide coated with PTFE)	Buna-N	Oil / air / water.	1.5
P2		Viton-A ⁵⁾	Process temperature NOT below minus 10°C. ⁷⁾	
P4		PTFE ⁴⁾	Corrosive acids.	
P5		Kalrez	Corrosive acids.	
S1	SS 316	Buna-N	Permeative gases.	2.0
S2		Viton-A ⁵⁾	Process temperature NOT below minus 10°C. ⁷⁾	
S3		Neoprene	Permeative refrigerant gases.	
S4		PTFE ⁴⁾	Corrosive acids.	
S5		Kalrez	Highly corrosive and permeative acids.	
S6		EPDM	Steam. (Not for steam condensate)	
T1	Tantalum	Buna-N	Highly corrosive and permeative gases and non-acid liquids. Select O-ring as required.	2.0
T2		Viton-A ⁵⁾		
T3		Neoprene		
T4		PTFE ⁴⁾		
T5		Kalrez		
V2	Viton-A	Viton-A ^{2) 5)}	Process temperature NOT below minus 10°C. ⁷⁾	1.5
S0	SS 316	None ³⁾	Highly permeative gases. ⁷⁾	3.0
M0	Monel			

- ¹⁾ Wetted parts are suggested for use on the service indicated. However they do not constitute a guarantee to be suitable for a given process against corrosive or permeation since processes vary from plant to plant. Empirical experience by users should be the final guide. The diaphragm / O-ring combinations are for process temperatures of **-30°C to +80°C**, unless otherwise indicated.

For process temperatures beyond these limits please contact your BETA Switch Representative.

- ²⁾ Switches for fluid power applications are limited to these options (O-ring only with 316SS piston).
- ³⁾ Only for 1/4" & 1/2" process connections. **Not available on vacuum switches.** For other sizes and materials, consult your BETA Switch Representative.
- ⁴⁾ PTFE O-ring **not suitable** for vacuum switches or vacuum surge conditions. (Wetted internal spring of Co-Cr-Ni-Mo alloy, comparable with Elgiloy).
- ⁵⁾ For process temperature > 100°C, consult your BETA Switch Representative.
- ⁶⁾ Other diaphragm materials like Hastelloy available, consult your BETA Switch Representative.
- ⁷⁾ **High temperature** refers to **max. 130°C** at process connection.

DIFFERENTIAL PRESSURE SWITCHES

4 Diaphragm/O-rings:

C3 - D352H - S1N - **P1** - K1 - Y - X2



C2 - D...M

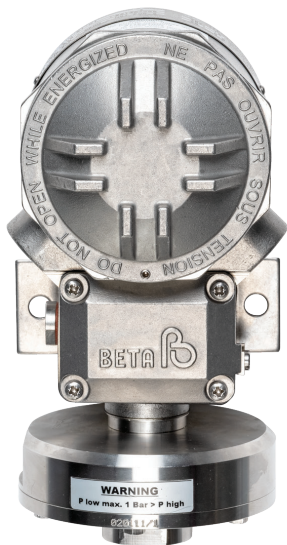


C3- D...H

Differential Pressure Switches include a similar type of Diaphragm/O-ring combinations as for Pressure Switches, but the following must be considered:

TYPE	STANDARD	FOLLOWING COMBINATIONS ARE POSSIBLE:
P301L/ D...L	B1	All except with PTFE O-Ring and Welded diaphragm.
D...M	B1	All diaphragm and O-Ring combinations.
D...H	P1	Metal + TCP.
D...D	P1	Metal + TCP.

Note: Deadband Multiplier for Diaphragm/O-Ring and switching element are similar as for a pressure switch.



W8 - D...L



W3 - D...M



W3 - D...L

PRESSURE & TEMPERATURE SWITCHES

5 Switching Elements:

C3 - P304L - S1N - B1 - **K1** - Y - X2

SWITCHING ELEMENT CODE ¹⁾	USE		MAX. RATINGS (RES.)		DEADBAND MULTIPLIER	
			VAC.	VDC ⁸⁾	S.P.D.T.	D.P.D.T.
H1 (SL)	Herm. sealed	Dusty, corrosive environment.	125/ 1A	28/ 15A	5.0	6.5
K1 ^{4) 9)}	General-service	Standard.	480/ 15A	28/ 0.5A ^{**}	1.0	1.5
L1 ⁴⁾		Standard for P/D301L & P/D302L ranges.	480/ 10A	28/ 0.5A	1.0	-
M1 ¹⁰⁾		Standard DPDT configuration on W-series when required.	250/ 5A	30/ 5A	1.5	3.5
U1 ⁹⁾		Normal DC-service.	480/ 15A	125/ 0.5A	2.5	4.0
G1 ⁴⁾		For use in H ₂ S environment and/ or for (Ex)i applications.	125/ 1A	28/ 0.5A ^{**}	1.5	2.0
Y1 ¹⁰⁾	Low voltage circuit (Gold contacts)		125/ 0.1A	30/ 0.1A	3.0	4.5
O1 ¹⁰⁾	Gold contacts	Environmental proof (IP 67). ²⁾	250/ 0.1A	30/ 0.1A	3.0	4.5
N1 ¹⁰⁾	Silver contacts	Environmental proof (IP 67).	250/ 2A	30/ 2A	3.0	4.5
Z1 ¹⁰⁾	For higher (amb.) temp.	Nickel Alloy spring. For corrosive environment.	250/ 5A	125/ 0.3A	3.0	4.5
R1	Ex. Proof.	ATEX approved.	250/ 5A	250/ 0.25A	2.5	4.5
SP	Adjustable deadband	Small adjustable deadband.	250/ 15A	-	1 to 3	S.P.D.T. only
SR ³⁾⁵⁾⁶⁾⁹⁾		Wide adjustable deadband.	480/ 20A	-	2 to 6	
SE ³⁾	Manual reset	Actuates automatic on increasing pressure.	480/ 15A	125/ 0.5A	1.5	
SG ³⁾		Actuates automatic on decreasing pressure.	480/ 15A	125/ 0.5A	1.5	
SV ³⁾	DC-service	High DC cap. magnetic blow out.	125/ 10A	125/ 10A	5.0	
SA	Pneumatic AIR Relay ⁷⁾	Normally closed (NC).	For use in explosive atm. Ex II 2G c T6 KEMA 04ATEX4060		Consult BETA Switch Rep.	Single Only
SB ³⁾		Normally open (NO).				

- 1) For D.P.D.T. action second code figure should be specified as "2" (Example: K1 = S.P.D.T. / K2 = D.P.D.T.).
- 2) Actual capacitive or inductive load under VDC may influence the setpoint repeatability.
- 3) Not on Differential pressure switches (except for "SR"-micro in "W"-enclosure).
- 4) VDE certified acc. to. DIN EN 61 058-1:1992+A1:1993.
- 5) "SR"-and "H1"-micro switches, with high multiplier, can affect the low end of a range.
- 6) "SR"-micro in combination with metal diaphragm: **standard with option "P"**.
- 7) For pneumatic element (select **C1** or **C8** enclosure) or ask your BETA representative for Air Relay documentation.
- 8) For DC rating resistive loads are stated.
- 9) In "W..." Enclosure max 10A current rating allowed, will be stated on the nameplate.
- 10) Subminiature microswitch, only possible with selection for DPDT configuration for W-enclosure.

^{**} DC rating not U.L. listed, although experience and third party testing confirm the DC voltage ratings.
Consult your BETA Switch Representative.

Note:

- > Micro switches both for single and double action respectively SPDT and DPDT, are intended to be set for one setpoint and one direction only.
- > The deadband reset value is a result of the complete modelcode selection and actual switch assembly, so except for the SR/SP microswitch, the reset switching point is fixed and cannot be controlled by the manufacturer.
- > Please keep in mind that even within a series of similar model, the reset switching point can vary.
- > Proper application of SR and SP micro switches requires accurate statement of values to the setpoint and required reset setpoint.

If you have any specific question or requirement contact us at: 2sales@beta-b.nl

5

Switching Elements vs. Enclosures:

C3 - P304L - S1N - B1 - K1 - Y - X2

SWITCHING ELEMENT		ENCLOSURE	
		C1, C2, C3, C4, C8, C9	W3, W8, W9
		Internal Earth Ground Terminal	Internal & External Earth Ground Terminal
SPDT SINGLE POLE DOUBLE THROW	SE	3-WAY TERMINAL BLOCK	
	SG		
	SP		
	SR		
	SV		
	G1		4-WAY TERMINAL BLOCK
	H1 (SL)		
	K1		
	L1		
	U1		
	O1		
	N1		
	R1		
	M1	3-WAY TERMINAL BLOCK	4-WAY TERMINAL BLOCK
	Y1		
	Z1		
DPDT DOUBLE POLE DOUBLE THROW	R2		
	M2	2 X 3-WAY TERMINAL BLOCK	7-WAY TERMINAL BLOCK
	Y2		
	Z2		
	G2	2 X 3-WAY TERMINAL BLOCK	
	H2		
	K2		
	U2		
	O2		7-WAY TERMINAL BLOCK
	N2		
	SA *	1/4 NPT (F) CONNECTIONS	
	SB *		

POSSIBLE

NOT POSSIBLE

“SA” / “SB” only
with C3 enclosure, pneumatic connection (Brass)
and C8 enclosure with SS316 connection.

The standard switching elements are:

- “K1” for C- and W- enclosures.
- “L1” for P301L/ P302L/ D302L range.

PRESSURE SWITCHES

6 Options:

C3 - P304L - S1N - B1 - K1 - **Y** - X2

CODE:	DESCRIPTION:
B 1)	Industrial cleaning of "wetted" parts for oxygen services.
C	Cable gland (Weather proof IP66, Ex e, Ex d, Ex t in acc. with classification of enclosure).
I 5)	Intrinsically safe application Ex i. Only on "C"-Series.
M 2)	Vacuum protector plate (Not on Vacuum-, Fluid Power-, D...H- and D...D Switch) (Standard on D...L).
P	Recommended on strong process pulsations. Only on "H"-Sensors. Not in combination with EPDM, Neoprene, Viton-A and Kalrez diaphragms.
S 3)	Stainless steel Tag key ringed to enclosure. Tag has 2 lines (16 characters per line).
V	Fungicidal varnish coating (internal).
Y 4)	Epoxy coating of switch (external). Only in combination with SS 316 process connection. SS Parts are not coated.

Option C:	ENTRY SIZE:	CLAMPING RANGE (IN MM):		ENTRY SIZE:	CLAMPING RANGE (IN MM):
C-enclosure:	PG13,5	8 - 11 MM	W-enclosure:	M20 Ex d	6,5 - 11,9 MM
	M20	6 - 12 MM		3/4"NPT Ex d	10 - 14,3 MM
	1/2"NPT	6 - 12 MM			
	3/4"NPT	9 - 16 MM			
Note: BETA's standaard Cable Gland as supplied per (option "C") does not include special(s)					

1) Option **B** - Oxygen cleaning acc. SP19.

Not possible for D..H ranges/ for G3-P301L-..D and D..L ranges on Hi-side connection only.

2) Option **M** - Is only to intend to provide a limited protection against surge/ vacuum conditions, as which can occur during start-up conditions or repetitive applications (pumps/ compressor). So short occurrences over a limited period of time.

It is not intended for continous surge/ (full) vacuum conditions over an extended period of time. - Consult Factory.

Indication:

RANGE:	Max. Surge Pressure:	Approx. period of time: (minutes)
P3..L	-200 mBarg	60
P4..M	-200 mBarg	60
P5-7-8-9..H	-600 mBarg	90

• Values stated here for indicative purpose only, they do not constitute any true value or any kind of warranty.

• **Option M** - is considered as wetted part and as such is explicitly excluded from the BETA factory warranty.

Tag no. space on nameplates are added free of charge

3) Standard nameplate **C-Series** : 2 lines with 16 characters or spaces + 1 line with 14 characters or spaces.
W-Series : 1 line with 16 characters or spaces.
Option "S" : 2 lines with 16 characters or spaces.

Only if explicitly stated on your purchase order. If not it will be left blanc

4) Air dried system acc. to BETA procedure, dry film thickness approx. 200 µm, finish pearl grey gloss.

5) **Ex I certification** is under review due changing standard.

To become applicable 2nd half 2024.

* Consult factory in case needed

7 Specials:

C3 - P304L - S1N - B1 - K1 - Y - **X2**

We can incorporate many specials to meet your requirements.

These special requirements are indicated by the letter “X” in the modelcode positioned or at the end of the model number, followed by a figure showing the number of specials.

Example:

“X1” at the end of modelcode reference means **one** special.

“X2” at the end of the modelcode reference means **two** specials have been incorporated.

Details of each special must be specified completely on enquiries and orders.

Example for specials for BETA switches are:

- Flanged connection 3/4” to 3” (ANSI or DIN).
- Range indication in Pa, Kg/cm2, mm H2O or mmHg.
- Breakwire resistor acc E12 range for line monitoring (Only for C-enclosure).
In case of **Option I** - 47 Kilo-ohm (kΩ) ≥ higher.
- Hirschmann or Harting Connector.
- Moisture inhibitor.
- Chemical seals.



RECAPTURE: HOW TO SELECT YOUR BETA SWITCH

1 ENCLOSURES

C3	-	P304L	-	S1B	-	S2	-	K1	-	Y	-	X2
----	---	-------	---	-----	---	----	---	----	---	---	---	----

See section 1. **Enclosure** on page 5.

2 RANGES

C3	-	P304L	-	S1B	-	S2	-	K1	-	Y	-	X2
----	---	-------	---	-----	---	----	---	----	---	---	---	----

See section 2. **Range** on page 6, and 7.

3 PROCESS CONNECTIONS (Material / Size / Thread)

C3	-	P304L	-	S1B	-	S2	-	K1	-	Y	-	X2
----	---	-------	---	-----	---	----	---	----	---	---	---	----

See section 3. **Process connections** on page 8.

4 DIAPHRAGM /O-RINGS

C3	-	P304L	-	S1B	-	S2	-	K1	-	Y	-	X2
----	---	-------	---	-----	---	----	---	----	---	---	---	----

See section 4. **Diaphragm / O-rings** on page 9 and 10.

5 SWITCHING ELEMENTS

C3	-	P304L	-	S1B	-	S2	-	K1	-	Y	-	X2
----	---	-------	---	-----	---	----	---	----	---	---	---	----

See section 5. **Switching Elements** on page 11 and 12.

Selection of your switch is now completed.

If required: For “Optional” and “Special” requirements

Options : See section 6. **Options**” on page 14.

Specials: See section 7. **Specials**” on page 14.