

IO-Link

position sensors and object recognition

bus, identification and control systems 가 2





Flush pressure sensors with Aseptoflex Vario G1 process connection.

Measuring range Relative pressure [bar]	P _{overload} max. [bar]	Analogue start point [bar]	Analogue Set point end point SP1 [bar] [bar]		Reset point rP1 [bar]	Step increment [bar]	Order no.
Output function switching output PNP/NPN programmable + analogue output programmable							
-125	100	-1.0018.74	5.2425.00	-0.9625.00	-1.0024.96	0.02	PI2793
-110	50	-1.07.5	1.510.00	-0.9810.00	-1.009.98	0.01	PI2794
-14	30	-1.003.00	0.004.00	-0.9904.000	-1.0003.990	0.005	PI2795
-0.1242.5	20	-0.1241.880	0.5002.500	-0.1202.500	-0.1242.496	0.002	PI2796
-0.051	10	-0.050.75	0.21.00	-0.0481.00	-0.050.998	0.001	PI2797
-0.01240.25	10	-0.01240.1874	0.050.25	-0.0120.25	-0.01240.2496	0.0002	PI2798
-11	10	-10.5	-0.51	-0.9981	-10.998	0.001	PI2799
-0.0050.1	4	-0.0050.075	0.020.1	-0.00480.1	-0.0050.098	0.0001	PI2789

Front flush pressure sensors with G1 process connection

Output function switching output PNP/NPN programmable + analogue output programmable							
-125	100	-1.0018.74	5.2425.00	-0.9625.00	-1.0024.96	0.02	PI2893
-110	50	-1.07.5	1.510.00	-0.9810.00	-1.009.98	0.01	PI2894
-14	30	-1.003.00	0.004.00	-0.9904.000	-1.0003.990	0.005	PI2895
-0.1242.5	20	-0.1241.880	0.5002.500	-0.1202.500	-0.1242.496	0.002	PI2896
-0.051	10	-0.050.75	0.21.00	-0.0481.00	-0.050.998	0.001	PI2897
-0.01240.2	5 10	-0.01240.1874	0.050.25	-0.0120.25	-0.01240.2496	0.0002	PI2898
-11	10	-10.5	-0.51	-0.9981	-10.998	0.001	PI2899
-0.0050.1	4	-0.0050.075	0.020.1	-0.00480.1	-0.0050.098	0.0001	PI2889

Accessories

Accessories Type Description Order no. G1 adapter for Clamp 1-1.5" E33601 G1 adapter for DIN11851 DN40 (1.5") E33612 Aseptoflex Vario adapter Clamp 1-1.5" E33201 Aseptoflex Vario adapter Clamp 1-1.5" E33701 Aseptoflex Vario adapter Clamp 2" E33202 Aseptoflex Vario adapter Clamp 2" E33202 Aseptoflex Vario adapter Clamp 2" E33702 FKM (Viton) sealing ring for Aseptoflex Vario adapter FKM (Viton) sealing ring for Aseptoflex Vario adapter PEEK sealing ring for Aseptoflex Vario adapter Connectors and splitter boxes Socket, M12, 4-pole 5 m orange, PVC cable Socket, M12, 4-pole 10 m orange, PVC cable DAEOIN TEL: 02 http://www.accessor.com/society/accessor.com/soci					
Туре	Description	Order no.			
	G1 adapter for Clamp 1-1.5"	E33601			
	G1 adapter for DIN11851 DN40 (1.5")	E33612			
	Aseptoflex Vario adapter Clamp 1-1.5" for PEEK / O-ring	E33201			
	Aseptoflex Vario adapter Clamp 1-1.5" Metal-to-metal seal	E33701			
	Aseptoflex Vario adapter Clamp 2" for PEEK / O-ring	E33202			
	Aseptoflex Vario adapter Clamp 2" Metal-to-metal seal	E33702			
	FKM (Viton) sealing ring for Aseptoflex Vario adapter	E30123			
0					
	PEEK sealing ring for Aseptoflex Vario adapter	E30124			
0					
Connector	s and splitter boxes				
	Socket, M12, 4-pole 5 m orange, PVC cable	EVT004			
-	Socket, M12, 4-pole 10 m orange, PVC cable	EVT005			
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Connectors and splitter boxes

	Sc 5
-	Sc 10

Socket, M12, 4-pole 5 m orange, PVC cable	EVT004
Socket, M12, 4-pole 10 m orange, PVC cable	EVT005

Common technical data

Type of pressure: relative pressure Liquids and gases						
Operating voltage	[V DC]	2032 (2W), 1832 (3W)				
Current rating	[mA]	25	50			
Current consumption	[mA]	3.621 (2W) / < 45 (3W)				
IO-Link Device type of transmiss	sion	COM2 (38.4 kbaud)				
Accuracy / deviation (in % of the span) turn down	PI2x9x	PI2x89				
Deviation of the switch point Deviation of the characteristics Linearity Hysteresis Repeatability Long-term stability Temperature coefficients (TEN in the temperature range 07 (in % of the span per 10 K)		< ± 0.2 < ± 0.2 < ± 0.15 < ± 0.15 < ± 0.1 < ± 0.1	< ± 0.5 < ± 0.5 < ± 0.25 < ± 0.2 < ± 0.1 < ± 0.1			
Greatest TEMPCO of zero Greatest TEMPCO of the span		< ± 0.05 < ± 0.15	< ± 0.1 < ± 0.2			
Power-on delay time	[s]	1 (2W)/	0.5 (3W)			
Response time switching output	[ms]	3				
Medium temperature	[°C]	-25125 (145 max. 1 h)				
Protection	IP 67 / IP 68 / IP 69K					
Materials (wetted parts)		high-grade stainless steel 316L (1.4435); ceramics (99.9 % Al ₂ O ₃); PTFE				

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PI003A
                                                                                     , ATEX
                , 350°
                                                        가 ,
                                                                          가
                                                                                                                     3D/3G, DC
                                                                                                         II.
                                                                                                  , IP 65.
                                                                                                                    -20...60 ** °C,
PNP/NPN, 4
                                                      , OUT1 =
                                                                           , OUT2 =
                                          , 2
      : -1...25 bar, M12
 PI008A
                                                        가,
                                                                                     , ATEX
                . 350°
                                                                          가
                                                                                                                     3D/3G, DC
                                                                                                         Ш,
PNP/NPN, 4
                                                                           , OUT2 =
                                                                                                   , IP 65,
                                          , 2
                                                      OUT1 =
                                                                                                                    -20...60 ** °C,
     : -0,01...0,25 bar, M12
 PI009A
                , 350°
                                                        가 ,
                                                                                     , ATEX
                                                                                                         П,
                                                                                                                     3D/3G, DC
PNP/NPN, 4
                                          , 2
                                                      OUT1 =
                                                                           , OUT2 =
                                                                                                  , IP 65,
                                                                                                                    -20...60 ** °C,
     : -1...1 bar, M12
PI2203
                                         , Membrandurchmesser: 34 mm, Füllflüssigkeit zur Druckübertragung: medizinisches Weißöl
(lebensmitteltauglich, FDA konform), 2
                                          DC / 3
                                                     DC PNP/NPN, 4
                           , OUT1 =
                                                   , OUT2 =
                                                                                                , IP 67 / IP 68 / IP 69K,
 , 3
                 : 2
-25...80 °C,
                    : -1...25 bar, M12
PI2204
                             가
                                         , Membrandurchmesser: 34 mm, Füllflüssigkeit zur Druckübertragung: medizinisches Weißöl
(lebensmitteltauglich, FDA konform), 2
                                          DC / 3
                                                     DC PNP/NPN, 4
                                                                                                   , 2
                           , OUT1 =
                                                   . OUT2 =
                                                                                                , IP 67 / IP 68 / IP 69K,
                 : 2
-25...80 °C,
                    : -1...10 bar. M12
PI2205
                                         , Membrandurchmesser: 34 mm, Füllflüssigkeit zur Druckübertragung: medizinisches Weißöl
(lebensmitteltauglich, FDA konform), 2
                                          DC / 3
                                                     DC PNP/NPN, 4
                                                   , OUT2 =
                 : 2
                                                                                                , IP 67 / IP 68 / IP 69K,
 , 3
                           , OUT1 =
-25...80 °C,
                    : -1...4 bar, M12
PI2206
                             가
                                         , Membrandurchmesser: 34 mm, Füllflüssigkeit zur Druckübertragung: medizinisches Weißöl
(lebensmitteltauglich, FDA konform), 2
                                          DC / 3
                                                     DC PNP/NPN, 4
 , 3
                           , OUT1 =
                                                   , OUT2 =
                                                                                                , IP 67 / IP 68 / IP 69K,
                 : 2
-25...80 °C.
                    : -0,12...2,5 bar, M12
PI2207
                                         , Membrandurchmesser: 34 mm, Füllflüssigkeit zur Druckübertragung: medizinisches Weißöl
(lebensmitteltauglich, FDA konform), 2
                                          DC / 3
                                                     DC PNP/NPN, 4
                                                                                                   , 2
 , 3
                          , OUT1 =
                                                   . OUT2 =
                                                                                                . IP 67 / IP 68 / IP 69K.
                 : 2
-25...80 °C,
                    : -0,05...1 bar, M12
PI2209
                             가
                                         , Membrandurchmesser: 34 mm, Füllflüssigkeit zur Druckübertragung: medizinisches Weißöl
                                          DC / 3
                                                     DC PNP/NPN, 4
                                                                                                   , 2
(lebensmitteltauglich, FDA konform), 2
                                                                                                . IP 67 / IP 68 / IP 69K,
 , 3
                 : 2
                           , OUT1 =
                                                   , OUT2 =
-25...80 °C,
                    : -1...1 bar, M12
PI2303
                                         , Membrandurchmesser: 47,5 mm, Füllflüssigkeit zur Druckübertragung: medizinisches Weißöl
(lebensmitteltauglich, FDA konform), 2
                                          DC / 3
                                                     DC PNP/NPN, 4
 , 3
                                                                                                , IP 67 / IP 68 / IP 69K,
                           , OUT1 =
                                                   , OUT2 =
                 : 2
-25...80 °C,
                    : -1...25 bar, M12
PI2304
                             가
                                         , Membrandurchmesser: 47,5 mm, Füllflüssigkeit zur Druckübertragung: medizinisches Weißöl
(lebensmitteltauglich, FDA konform), 2
                                          DC / 3
                                                     DC PNP/NPN, 4
                                                                                                   , 2
                 : 2
                           , OUT1 =
                                                   , OUT2 =
                                                                                                , IP 67 / IP 68 / IP 69K,
 , 3
-25...80 °C,
                   : -1...10 bar, M12
PI2305
                             가
                                         , Membrandurchmesser: 47,5 mm, Füllflüssigkeit zur Druckübertragung: medizinisches Weißöl
(lebensmitteltauglich, FDA konform), 2
                                          DC / 3
                                                     DC PNP/NPN, 4
                                                                                                   , 2
                           , OUT1 =
                                                                                                , IP 67 / IP 68 / IP 69K,
                 : 2
                                                   , OUT2 =
 , 3
-25...80 °C,
                    : -1...4 bar, M12
PI2306
                                         , Membrandurchmesser: 47,5 mm, Füllflüssigkeit zur Druckübertragung: medizinisches Weißöl
                                          DC / 3
(lebensmitteltauglich, FDA konform), 2
                                                     DC PNP/NPN, 4
                                                                                                   , 2
                           , OUT1 =
 , 3
                 : 2
                                                   , OUT2 =
                                                                                                , IP 67 / IP 68 / IP 69K,
                    : -0,12...2,5 bar, M12
-25...80 °C
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PI2307
                          가 , Membrandurchmesser: 47,5 mm, Füllflüssigkeit zur Druckübertragung: medizinisches
Weißöl (lebensmitteltauglich, FDA konform), 2 DC / 3 DC PNP/NPN, 4
                                                                                                    , 2 :
, 3 : 2 , OUT1 = , OUT2 =
                                                                                                    , IP 67 / IP 68 / IP 69K,
        -25...80 °C, : -0,05...1 bar, M12
               , Membrandurchmesser: 47,5 mm, Füllflüssigkeit zur Druckübertragung: medizinisches
Weißöl (lebensmitteltauglich, FDA konform), 2 DC / 3 DC PNP/NPN, 4
                                                                                                    , 2 :
, 3 : 2 , OUT1 = -25...80 °C, : -1...1 bar, M12
                                                       , OUT2 =
                                                                                                    , IP 67 / IP 68 / IP 69K,
PI2692
               , 가
, DC PNP/NPN, 4
                                                           , 350° , 가 ,
, 2 , OUT1 = , OUT2 =
                                     (dead space) , 350°
 -
  , G 1 A
                    -25...80 °C, : -1...100 bar, M12
67 / IP 69K.
 PI2789
                                                     (dead space) , 2 DC / 3 DC PNP/NPN, 4 , 3 : 2 , OUT1 = , OUT2 =
                                     , 가
                     , IP 67 / IP 68 / IP 69K,
                                                     -25...80 °C, : -0,01...0,1 bar, M12
 PI2793
                                                      (dead space) , 2 DC / 3 , 3 : 2 , OUT1 =
                                                                                                   DC PNP/NPN, 4
                                                                                                    . OUT2 =
                                                                  : -1...25 bar, M12
                                                     -25...80 °C,
                     , IP 67 / IP 68 / IP 69K,
 PI2794
                                                     (dead space) , 2 DC / 3 , 3 : 2 , OUT1 = -25...80 °C, : -1...10 bar, M12
                                                                                                    DC PNP/NPN, 4
                     , 2
                                                                                                    , OUT2 =
                     , IP 67 / IP 68 / IP 69K.
 PI2795
                                                     (dead space) , 2 DC / 3
, 3 : 2 , OUT1 =
-25...80 °C, : -1...4 bar, M12
                                                                                                    DC PNP/NPN, 4
                                                                                                    , OUT2 =
                      , IP 67 / IP 68 / IP 69K,
 PI2796
                                                     (dead space) , 2 DC / 3 , 3 : 2 , OUT1 = -25...80 °C, : -0,12...2,5 bar, M12
                                                                                                    DC PNP/NPN, 4
                                                                                                    , OUT2 =
                      , IP 67 / IP 68 / IP 69K,
 PI2797
                                                     (dead space) , 2 DC / 3
, 3 : 2 , OUT1 =
-25...80 °C, : -0,05...1 bar, M12
                                                                                                    DC PNP/NPN, 4
                                                                                                    , OUT2 =
                      , IP 67 / IP 68 / IP 69K,
 PI2798
                                                     \begin{array}{cccc} \text{(dead space)} & \text{, 2} & \text{DC / 3} \\ \text{, 3} & \text{: 2} & \text{, OUT1} = \end{array}
 -
                                                                                                   DC PNP/NPN. 4
                                                                                                   , OUT2 =
                      , IP 67 / IP 68 / IP 69K,
                                                     -25...80 °C, : -0,01...0,25 bar, M12
 PI2799
                                                     (dead space) , 2 DC / 3
, 3 : 2 , OUT1 =
 -
                                                                                                   DC PNP/NPN, 4
                                                                                                   , OUT2 =
                      , IP 67 / IP 68 / IP 69K,
                                                    -25...80 °C, : -1...1 bar, M12
 PI2889
                         7\ , G 1 A , 2 DC / 3
, 3 : 2 , OUT1 =
-25...80 °C, : -0,01...0,1 bar, M12
                                                                    DC PNP/NPN, 4
                                                                                                                   , 2
                                                                                                                   , IP
                                                                      , OUT2 =
67 / IP 68 / IP 69K.
PI2893
                         7\ , G 1 A , 2 DC / 3
, 3 : 2 , OUT1 =
-25...80 °C, : -1...25 bar, M12
                                                                                                                   , 2
                                                                      DC PNP/NPN, 4
                                                                      , OUT2 =
                                                                                                                   , IP
```

가 , G 1 A , 2 DC / 3 DC PNP/NPN, 4 , 3 : 2 , OUT1 = , OUT2 =

-25...80 °C, : -1...10 bar, M12

DC PNP/NPN, 4

, 2

, IP

67 / IP 68 / IP 69K. PI2894

67 / IP 68 / IP 69K,

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PI2895
                      가 , G 1 A , 2 DC / 3
, 3 : 2 , OUT1 =
                                                                                             , 2
                                                         DC PNP/NPN, 4
                                                         , OUT2 =
                       -25...80 °C, : -1...4 bar, M12
IP 67 / IP 68 / IP 69K.
PI2896
                      7\ , G 1 A , 2 DC / 3
, 3 : 2 , OUT1 =
-25...80 °C, : -0,12...2,5 bar, M12
                                                         DC PNP/NPN. 4
                                                                                             , 2
                                                         , OUT2 =
IP 67 / IP 68 / IP 69K,
PI2897
                      7 , G 1 A , 2 DC / 3
, 3 : 2 , OUT1 =
-25...80 °C, : -0,05...1 bar, M12
                                                         DC PNP/NPN. 4
                                                                                             , 2
                                                         , OUT2 =
IP 67 / IP 68 / IP 69K.
PI2898
                       가 , G 1 A , 2 DC / 3
, 3 : 2 , OUT1 =
                                                         DC PNP/NPN, 4
                                                                                             , 2
                        -25...80 °C, : -0,01...0,25 bar, M12
 , IP 67 / IP 68 / IP 69K,
 PI2899
                       가 , G 1 A , 2 DC / 3 DC PNP/NPN, 4
, 3 : 2 , OUT1 = , OUT2 =
                                                                                             , 2
  -
  , IP 67 / IP 68 / IP 69K,
                         -25...80 °C, : -1...1 bar, M12
 PI2993
                           (dead space) , 350°
                                               , 350° ,
, OUT1 = , OUT2 =
 , DC PNP/NPN, 4
                                , 2
69K, -25...80 °C,
                       : -1...25 bar, M12
 PI2994
         , 가
                           (dead space)
                                               , 350°
 - , DC PNP/NPN, 4
                                                                               가 ,
                                               , OUT1 =
                                , 2
                                                                 , OUT2 =
                                                                                      , IP 67 / IP
69K, -25...80 °C,
                           : -1...10 bar, M12
 PI2995
- , 7}
, DC PNP/NPN, 4
69K, -25...80 °C,
                                               , 350°
                            (dead space)
                                                                               가 ,
                                                                 ,
, OUT2 =
                                               , OUT1 =
                           , 2
: -1...4 bar, M12
                                                                                      . IP 67 / IP
 PI2996
                            (dead space)
                                               , 350°
                                                                               가 ,
                                                                 ,
, OUT2 =
, DC PNP/NPN, 4
69K, -25...80 °C,
                                 , 2 , OUT1 =
                                                                                      . IP 67 / IP
                          : -0,12...2,5 bar, M12
                                                                               가 , , IP 67 / IP
                           (dead space)
                                  dead space) , 350°
, 2 , OUT1 =
                                                                 ,
, OUT2 =
, DC PNP/NPN, 4
69K, -25...80 °C, :-0,05...1 bar, M12
 (dead space) , 350°
, 2 , OUT1 =
                                                                               가 ,
                                                                                       가
                                                                               , OUT2 =
IP 67 / IP 69K, -25...80 °C, : -1...25 bar, M12
 PIM093
                                 가
                                        (dead space)
                                                               , 350°
             , 가
가 , DC PNP, 4
                                                                , OUT1 =
                                                                              , OUT2 =
                                                                                          , IP
                                                , 2
          -25...80 °C, : -1...25 bar, M12
67 / IP 69K,
 PIM094
, 가
가 , DC PNP, 4
                                                                . 350°
                                              (dead space)
                                                , 2
                                                                , OUT1 = , OUT2 =
                                                                                          , IP
              -25...80 °C, : -1...10 bar, M12
67 / IP 69K.
PIM693
가 , 가 (dead space)
가 , 가 , G 1 A , DC PNP, 4
= , IP 67 / IP 69K, -25...80 °C, :-1...25 bar, M12
                                                                , 350°
                                                                           , OUT1 = , OUT2
                                                                , 2
 PIM694
, 가 (dead space)
가 , 가 , G 1 A , DC PNP, 4
= , IP 67 / IP 69K, -25...80 °C, :-1...10 bar, M12
                                                                , 350°
                                                                           , OUT1 = , OUT2
                                                                , 2
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