

Positioners

SIPART PS2

Selection and Ordering data SIPART PS2

5

Selection and ordering data	Article No.	Order code
SIPART PS2 electropneumatic positioner in enclosure made of Makrolon, aluminum and stainless steel	6 DR 5	
Version 2-wire (4 to 20 mA) • Without HART • With HART, not explosion-protected 2-, 3-, 4-wire (0/4 to 20 mA) • With HART, explosion-protected • Without HART, not explosion-protected PROFIBUS PA connection FOUNDATION Fieldbus connection	0 1 2 3 5 6	
For actuator Single-acting Double-acting	1 2	
Enclosure Makrolon Aluminum; only single-acting Stainless steel (without window)	0 1 2	
Explosion protection Without In type of protection (ATEX/IECEX/FM/CSA) • intrinsic safety With protection type (ATEX/IECEX) ¹⁾ • Non-sparking • Dust protection via enclosure With protection type (ATEX/IECEX/FM) ²⁾ • Intrinsic safety • Non-sparking With protection type (ATEX/IECEX/FM) ²⁾ • Non-sparking With protection type (ATEX/IECEX) ¹⁾ • Intrinsic safety • Non-sparking • Dust protection via enclosure	N E D F G K	
Connection thread electrical/pneumatic With cable gland M20x1.5/G ¹ / ₄ With cable gland 1/2-14 NPT / 1/4-18 NPT With cable gland M20x1.5/1/4-18 NPT With cable gland 1/2-14 NPT / G ¹ / ₄ With plug M12 / G ¹ / ₄ ³⁾ With plug M12 / 1/4-18 NPT ³⁾	G N M P R S	
<p>▶ Available ex stock</p> <p>◆ We can offer shorter delivery times for configurations designated with the Quick Ship Symbol ◆. For details see page 9/5 in the appendix.</p>		

Selection and ordering data	Article No.	Order code
SIPART PS2 electropneumatic positioner in enclosure made of Makrolon, aluminum and stainless steel	6 DR 5	
Limit monitor Installed, incl. 2nd cable gland Without Alarm module; electronic (6DR4004-.A) SIA module; slot-type initiators (6DR4004-.G) Mechanical limit switch module (mechanical switching contacts (6DR4004-.K))	0 1 2 3	
Option modules Installed, incl. 2nd cable gland Without ly module for position feedback signal (4 ... 20 mA) (6DR4004-.J) EMC filter module for external position sensor in the SIPART PS2 enclosure (C73451-A430-D23), NCS sensor 6DR4004-.NN.0 and external position sensing with non-Siemens potentiometer ly module and EMC filter module for external position sensor	0 1 2 3	
Customer-specific design Without	0	
Brief instructions German/English French/Spanish/Italian	A B	
Mounted pressure gauge block Without <u>Gauge made of plastic</u> Block made of aluminum, single-acting G ¹ / ₄ , scaled in MPa, bar, psi Block made of aluminum, double-acting G ¹ / ₄ , scaled in MPa, bar, psi Block made of aluminum, single-acting 1/4-18 NPT, scaled in MPa, bar, psi Block made of aluminum, single-acting 1/4-18 NPT, scaled in MPa, bar, psi <u>Gauge made of steel</u> block made of aluminium, single-acting G ¹ / ₄ , scaled in MPa, bar, psi Block made of aluminium, double-acting G ¹ / ₄ , scaled in MPa, bar, psi Block made of aluminium, single-acting 1/4-18 NPT, scaled in MPa, bar, psi Block made of aluminium, double-acting 1/4-18 NPT, scaled in MPa, bar, psi <u>Gauge made of stainless steel 316</u> Block made of stainless steel 316, single-acting G ¹ / ₄ , scaled in MPa, bar, psi Block made of stainless steel 316, double-acting G ¹ / ₄ , scaled in MPa, bar, psi Block made of stainless steel 316, single-acting 1/4-18 NPT, scaled in MPa, bar, psi Block made of stainless steel 316, double-acting 1/4-18 NPT, scaled in MPa, bar, psi	0 1 2 3 4 9 9 9 9 9 9 9 9	R 1 A R 2 A R 1 B R 2 B R 1 C R 2 C R 1 D R 2 D

Selection and ordering data	Article No.	Order code
SIPART PS2 electropneumatic positioner in enclosure made of Makrolon, aluminum and stainless steel	6 DR 5	
<i>Further designs</i>	Order code	
Add "-Z" to Article No. and specify Order Code.		
TAG plate made of stainless steel, 3-line	A20	
Text line 1: Plain text from Y17 Text line 2: Plain text from Y15 Text line 3: Plain text from Y16		
Version with stainless steel sound absorbers	A40	
Standard with stainless steel enclosure		
Functional safety (SIL 2) only for 6DR5.1. (single-acting positioners)	C20	
Device suitable for use according to IEC 61508 and IEC 61511		
Pneumatic terminal block made of stainless steel 316	K18	
For device versions in Makrolon enclosure		
OPOS adapter with interface VDI/VE 3847	K20	
blanketing, not for flameproof aluminum enclosure		
Measuring point description	Y15	
Max. 16 characters for HART, max. 32 characters for PROFIBUS PA, FOUNDATION Fieldbus and 4 ... 20 mA, specify in plain text: Y15:		
Measuring point text	Y16	
Max. 24 characters for HART, max. 32 characters for PROFIBUS PA, FOUNDATION Fieldbus and 4 ... 20 mA, specify in plain text: Y16:		
Measuring point number (TAG No.)	Y17	
Max. 8 characters for HART, max. 32 characters for PROFIBUS PA, FOUNDATION Fieldbus and 4 ... 20 mA, specify in plain text: Y17:		
Preset bus address	Y25	
Specify in plain text: Y25: (only for 6DR55.. and 6DR56..)		
Customer-specific diagnostics	Y30	
Specify in plain text: Y30:		

► Available ex stock (select combinations)

- 1) Enclosure: aluminum or stainless steel, each without inspection window in the cover
- 2) Enclosure: aluminum or Makrolon, each with inspection window in the cover Max. impact energy 1 Joule for enclosure with inspection window 6DR5..0 und 6DR5..1.
- 3) Only with version PROFIBUS PA 6DR55.. and FOUNDATION Fieldbus 6DR56..
Only with type of protection dust protection by enclosure, 6DR5...0D... and 6DR5...0K..