Selection and ordering data	Order No.	Order code	Selection and ordering data	Order No.	Orde	r code
SIPART PS2 electropneumatic posi-	6 DR 5	0.00.00	SIPART PS2 electropneumatic posi-	6 DR 5		
tioner, without Ex protection, with "Ex i" and with "Ex n"	- 0	A	tioner, without Ex protection, with "Ex i" and with "Ex n"	- 0	A	
Version			Limit monitor			
2-wire (4 to 20 mA) • Without HART	0		Installed, incl. 2nd cable gland Without	0		
With HART, not explosion-protected			Alarm module; electronic (6DR4004A)	1		
2-, 3-, 4-wire (0/4 to 20 mA)			SIA module; slot-type initiators (6DR4004G)	2		
With HART, explosion-protected	2		Mechanical limit switch module	3		
 Without HART, not explosion-protected 	3		(mechanical switching contacts (6DR4004K))			
PROFIBUS PA connection	5		Option modules	-		
FOUNDATION Fieldbus connection	6		Installed,			
For actuator			incl. 2nd cable gland Without	0		
Single-acting Double-acting	1 2		ly module for position feedback signal	1		
Enclosure			(4 20 mA) (6DR4004J) EMC filter module for external position	2		
Makrolon	0		sensor in the SIPART PS2 enclosure	_		
Aluminum; only single-acting	11		(C73451-A430-D23), NCS sensor 6DR4004NN.0 and external position			
Stainless steel (without window)	2		sensing with non-Siemens potentiometer			
Explosion protection Without	N		ly module and EMC filter module for	3		
In type of protection	E		external position sensor			
(ATEX/IECEX/FM/CSA)			Customer-specific design Without		0	
• intrinsic safety "Ex ia", Zone 1			Brief instructions	_		
 With protection type (ATEX/IECEx)¹⁾ Non-sparking "Ex nA", Zone 2 	D		German/English		Α	
Dust protection via enclosure			French/Spanish/Italian		В	
"Ex t", Zone 22			Mounted pressure gauge block			
With protection type	F		Without Gauge made of plastic		0	
(ATEX/IECEx/FM) ²⁾ • Intrinsic safety "Ex ia" in Zone 1			Block made of aluminum, single-		1	
Intrinsic safety "Ex ic", Zone 2			acting G¼, scaled in MPa, bar, psi Block made of aluminum, double-		2	
Non-sparking "Ex nA", Zone 2			acting G1/4, scaled in MPa, bar, psi			
With protection type	G		Block made of aluminum, single- acting ¼-18 NPT, scaled in MPa, bar,		3	
(ATEX/IECEx/FM) ²⁾			psi			
Non-sparking "Ex nA", Zone 2			Block made of aluminum, single- acting ¼-18 NPT, scaled in MPa, bar,		4	
With protection type (ATEX/IECEx) ¹⁾	K		psi			
 Intrinsic safety "Ex ia", Zone 1 Intrinsic safety "Ex ic", Zone 2 			Gauge made of steel			
Non-sparking "Ex nA", Zone 2			block made of aluminium, single- acting G¼, scaled in MPa, bar, psi		9	R 1 A
Dust protection via enclosure			Block made of aluminium, double-		9	R 2 A
"Ex t", Zone 22			acting G¼, scaled in MPa, bar, psi		_	D 1 D
Connection thread electrical/pneumatic			Block made of aluminium, single- acting ¼-18 NPT, scaled in MPa, bar,		9	R 1 B
With cable gland M20x1.5/G ¹ / ₄	G		psi			
With cable gland	N		Block made of aluminium, double- acting 1/4-18 NPT, scaled in MPa, bar,		9	R 2 B
1/2-14 NPT / 1/4-18 NPT With cable gland	M		psi			
M20x1.5/¼-18 NPT	IVI		Gauge made of stainless steel 316			
With cable gland 1/2-14 NPT / G1/4	P		Block made of stainless steel 316, single-acting G1/4, scaled in MPa, bar,		9	R 1 C
With plug M12 / G ¹ / ₄	R		psi			
With plug M12 / 1/4-18 NPT	S		Block made of stainless steel 316, double-acting G1/4, scaled in MPa,		9	R 2 C
			bar, psi			
			Block made of stainless steel 316, single-acting 1/4-18 NPT, scaled in		9	R 1 D
			MPa, bar, psi			
			Block made of stainless steel 316, double-acting 1/4-18 NPT, scaled in		9	R 2 D
			MPa, bar, psi			

Selection and ordering data	Order No.	Order code
SIPART PS2 electropneumatic posi- tioner, without Ex protection, with "Ex i" and with "Ex n"	6 DR 5	A-
Further designs	Order code	
Add "-Z" to order no. and specify order code.		
Pneumatic terminal block made of stainless steel 316 For device versions in Makrolon enclosure	K18	
Version with stainless steel sound absorbers	A40	
Standard with stainless steel enclo- sure		
Measuring point number (TAG No.) Max. 8 characters for HART, max. 32 characters for PROFIBUS PA, FOUNDATION Fieldbus and 4 20 mA, specify in plain text: Y17:	Y17	
Measuring point description Max. 16 characters for HART, max. 32 characters for PROFIBUS PA, FOUNDATION Fieldbus and 4 20 mA, specify in plain text: Y15:	Y15	
Measuring point text Max. 24 characters for HART, max. 32 characters for PROFIBUS PA, FOUNDATION Fieldbus and 4 20 mA, specify in plain text: Y16:	Y16	
TAG plate made of stainless steel, 3-line Text line 1: Plain text from Y17 Text line 2: Plain text from Y15 Text line 3: Plain text from Y16	A20	
Preset bus address Specify in plain text: Y25: (only for 6DR55 and 6DR56)	Y25	

- ► Available ex stock (select combinations)
- 1) Enclosure: aluminum or stainless steel, each without inspection window in the cover
- 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.

Selection and ordering data		Ord	der No.	Orc	der	code	Selection and ordering data
SIPART PS2 electropneumatic posi- tioner, Ex d explosion protection, aluminum enclosure, without cable gland			R 5 5 - 0 E	- - A			SIPART PS2 electropneumatic posi- tioner, Ex d explosion protection, aluminum enclosure, without cable gland
Version 2-wire (4 to 20 mA) • Without HART • With HART 2-, 3-, 4-wire (0/4 to 20 mA) • With HART • With HART • Without HART PROFIBUS PA connection FOUNDATION Fieldbus connection	>	0 1 2 3 5 6					Mounted pressure gauge block Without Gauge made of plastic, block made of aluminium, single-acting G½, scaled in MPa and bar Gauge made of plastic, block made of aluminium, double-acting G½, scaled in MPa and bar Gauge made of plastic, block made of aluminium, single-acting 14 ANDT caled is MPa and pai
For actuator Single-acting Double-acting	>	1 2					1/4-18 NPT, scaled in MPa and psi Gauge made of plastic, block made of aluminium, double-acting 1/4-18 NPT, scaled in MPa and psi
Connection thread electrical/pneumatic M20 x 1.5 / G ¹ / ₄ ½-14 NPT / ½-18 NPT M20 x 1.5 / ½-18 NPT ½-14 NPT / G ¹ / ₄ M25x1.5 / G ¹ / ₄	>		G N M P Q				Gauge made of steel block made of aluminium, single- acting G½, scaled in MPa, bar, psi Block made of aluminium, double- acting G¼, scaled in MPa, bar, psi Block made of aluminium, single- acting ¼-18 NPT, scaled in MPa, bar, psi
Limit monitor Built-in Without Alarm module; electronic (6DR4004-8A)	>		0 1				Block made of aluminium, double- acting ¼-18 NPT, scaled in MPa, bar, psi Gauge made of stainless steel 316
Option modules Built-in Without Iy module for position feedback signal (4 20 mA) (6DR4004-8J) EMC filter module for external position sensor Iy module and EMC filter module for external position sensor	•		0 1 2 3				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,
Customer-specific design Without	•			0			double-acting 1/4-18 NPT, scaled in MPa, bar, psi
Brief instructions German/English French/Spanish/Italian	>			A B			Further designs Add "-Z" to order no. and specify order code.
							Measuring point number (TAG No.) Max. 8 characters for HART, max. 32 characters for PROFIBUS PA and FOUNDATION Fieldbus, specify in plain text: Y17:
							Measuring point description Max. 16 characters for HART, max. 32 characters for PROFIBUS PA and FOUNDATION Fieldbus, specify in plain text: Y15:
							Measuring point text

Selection and ordering data	Order No. Or	der	code
SIPART PS2 electropneumatic positioner, Ex d explosion protection,	6 DR 5		
aluminum enclosure, without cable gland	5 - 0 E A		•••
Mounted pressure gauge block			
Without		0	
Gauge made of plastic, block made of aluminium, single-acting G ¹ / ₄ , scaled in MPa and bar		1	
Gauge made of plastic, block made of aluminium, double-acting G1/4, scaled in MPa and bar		2	
Gauge made of plastic, block made of aluminium, single-acting		3	
1/4-18 NPT, scaled in MPa and psi Gauge made of plastic, block made		4	
of aluminium, double-acting 1/4-18 NPT, scaled in MPa and psi		Ī	
Gauge made of steel block made of aluminium, single-		9	R1A
acting G1/4, scaled in MPa, bar, psi			
Block made of aluminium, double- acting G1/4, scaled in MPa, bar, psi		9	R 2 A
Block made of aluminium, single-		9	R 1 B
acting ¼-18 NPT, scaled in MPa, bar, psi Block made of aluminium, double-		9	R 2 B
acting 1/4-18 NPT, scaled in MPa, bar,		3	., 2 5
psi			
Gauge made of stainless steel 316 Block made of stainless steel 316,		9	R1C
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		9	R 2 C
Block made of stainless steel 316, single-acting 1/4-18 NPT, scaled in MPa, bar, psi		9	R1D
Block made of stainless steel 316, double-acting 1/4-18 NPT, scaled in		9	R 2 D
MPa, bar, psi	Order code	Ц	
Further designs Add "-Z" to order no. and specify	Order code		
order code. Measuring point number (TAG No.)	Y17		
max. 8 characters for HART, max. 32 characters for PROFIBUS PA and FOUNDATION Fieldbus, specify in plain text: Y17:	111		
Measuring point description	Y15		
Max. 16 characters for HART, max. 32 characters for PROFIBUS PA and FOUNDATION Fieldbus, specify in plain text: Y15:			
Measuring point text	Y16		
Max. 24 characters for HART, max. 32 characters for PROFIBUS PA and FOUNDATION Fieldbus, specify in plain text: Y16:			
TAG plate made of stainless steel,	A20		
3-line Text line 1: Plain text from Y17 Text line 2: Plain text from Y15 Text line 3: Plain text from Y16			
Preset bus address Specify in plain text: Y25:	Y25		
only for 6DR55 and 6DR56) Available ex stock (select combination	ns)		

[►] Available ex stock (select combinations)