

Data Sheet

10/18-0.22-EN

Electro-Pneumatic Positioner TZIDC

for 4 ... 20 mA two-wire technology

■ Low operating cost

■ Compact design

■ Well-proven technology

■ Robust and environmentally ruggedized

■ Wide operating temperature range -40 ... 85 °C

■ Easy to commission, “single pushbutton”
operating philosophy

Mechanical position indicator

ATEX, FM, CSA, GOST and IECEx approvals

For SIL2 safety loops



Compact, well-proven, and flexible



1.1 Ordering information (continued)

Electro-Pneumatic Positioner TZIDC intelligent, configurable with indicator and operator panel	Variant digit No.							Code			
	1 - 7	11	12	13	14	15	16				
Catalog No.	V18345-						0				
Optional mechanical kit for digital position feedback without Mechanical kit for digital position feedback with proximity switches SJ2-SN (NC or logical 1) with proximity switches SJ2-S1N (NO or logical 0) with 24 V DC/AC microswitches (change-over contacts)							0				
				3)			1				
				3) 4)			3				
				2) 3)			5				
Design (varnish / coding) Standard Special version chemistry (details on request) As specified (on request)							1	E			

1.2 Additional ordering information

	Code			
Certificates SIL2 - Declaration of conformity Certificate of compliance with the order acc. to EN 10204-2.1 (DIN 50049-2.1) Certificate of compliance with the order acc. to EN 10204-2.1 (DIN 50049-2.1) with item description Test Report acc. to EN 10204-2.2 (DIN 50049-2.2) Inspection certificate 3.1 acc. to EN 10204 with max. deviation	CS2 CF1 CF2 CF3 CBA			
Device identification label includes lettering (plain text, max. 16 letters) stainless steel 18.5 x 65 mm sticker 41 x 32 mm sticker 11 x 25 mm	MK1 MK2 MK3			

- 2) not for explosion protected version
- 3) only for model with mechanical position indicator
- 4) only for ambient temperature range -25 °C to +85 °C
- 5) not with Explosion protection ATEX Ex II 2 G EEx ia II C T6 (code 7)
- 6) only for single acting and fail safe pneumatic



1.4 Order information, accessories 2

TZIDC, TZIDC-110, TZIDC-120, TZIDC-200, TZIDC-210, TZIDC-220		Catalog No.			
Attachment kit for	Manufacturer / Type				
Air Torque	SC 30	9)	319604		
Air Torque	SC-P-60-4	9)	319604		
Air Torque	SR 30	9)	319603		
ARI	DP32, DP33, DP34		7959125		
AMG	SAD 010 ... SAF 040	9)	319603		
AMG	SAD 040 ... SAF 050	9)	319605		
ARCA	812 stroke 30 mm		7959107		
ARCA	812 stroke 60 mm		7959106		
ARCA	813 stroke 30 mm		7959109		
ARCA	813 stroke 60 mm		7959108		
Automax	DA 85 ... DA150	9)	319603		
Badger Meter	ATC 754/755		7959123		
bar	GTE / GTD 045 ... 127	9)	319604		
bar	GTE / GTD 143 ... 254	9)	319605		
Bray	92 / 93 series	9)	319603		
Conovalve	Series 740.000 / 750.000 / 770.000 / 795.000		7959125		
El-O-Matic	ED / ED / PE / PD 500 ... 4004	9)	319605		
El-O-Matic	ED / ED / PE / PD 25 ... 350	9)	319603		
FESTO	DRD-4-F05 ... DRD-50F10	9)	319603		
FESTO	DRD-77-F10 ... DRD-255-F14	9)	319605		
Fisher	1051-30, 1052-30		7959214		
Fisher	1061 size 130		7959206		
Fisher	471		7959195		
Fisher	585 C		7959250		
Fisher	657 / 667 Size 10 ... 30 mm		7959177		
Flow Serve	DA 85 ... 150	9)	319603		
Foxboro	FoxPak IP127 / V725		7959168		
Foxboro	V713 stroke 10 ... 35 mm		7959125		
Foxboro	V713 stroke 25 ... 90 mm		7959126		
GEFA	AC 020 ... AC 1750	9)	319604		
GEFA	MC 063 FA	9)	319603		
GEMU	690/25 and 50		7959103		
GEMU	CleanStar		7959125		
Gulde	DK		7959161		

9) need additional Adapter (Shaft Coupler), Catalog No. 7959110



1.5 Order information, accessories 3

TZIDC , TZIDC-110, TZIDC-120, TZIDC-200, TZIDC-210, TZIDC-220		Catalog No.			
Attachment kit for	Manufacturer / Type				
Honeywell	600-11, 600-15				7959126
Hytork	XL26 ... XL680	9)			319603
Hytork	XL1125, XL1370, XL2585, XL4580	9)			319605
Keystone	79U/E-002(S) ... 79U/E-181(S)				7959147
Mapag	A/F 30 ... A/F 500	9)			319603
Masoneilan	CAMFLEX II, VARIMAX, MINITORK II				7959144
Masoneilan	VariPak 28000 series				7959163
MaxFlo	MaxFlo				7959140
NAF	791290				7959207
NAMUR	stroke 10 ... 35 mm				7959125
NAMUR	stroke 25 ... 90 mm				7959126
NAMUR	stroke 100 ... 170 mm				7959339
NELES	B1JU8, B1J8U, B1CU9/20E, B1CU17/55, B1CU13-32, B1C6U-20U, 1JAU10/20, BC6U-20U	9)			319603
NELES	BC6-20, B1C6-20, BJ8-20, B1J8-20				7959146
Norbro	10AR40, 20BR40, 20AR40, 20RDA40, 15AR40, 15BR40	9)			319603
Norbro	25AR40, 25BR40, 35AR40, 35BR40, 33-40, 30AR40	9)			319604
Norbro	45BR40, 45AR40	9)			319606
Prisma	PP10, PP20	9)			319604
Prisma	PPW	9)			319603
Remote Control	RCD 05-DA/SR ... RCD 60-DA/SR	9)			319603
Revo	FD/FS 12, 25, 50	9)			319603
Revo	FD/FS 90, 130, 180, 205, 306	9)			319605
Richter	RA-1/2 046 ... RA-1/2 127	9)			319604
Richter	RA-1/2 185 ... RA-1/2 300	9)			319605
Samson	241, 271, 3271				7959145
Samson	3277				7959136
Schubert&Salzer	GS 8020 / 8021 / 8023				7959200
SED	SED stroke 100 mm				7959141
VDI / VDE 3845	80 / 20 mm	9)			319603
VDI / VDE 3845	80 / 30 mm	9)			319604
VDI / VDE 3845	130 / 30 mm	9)			319605
VDI / VDE 3845	130 / 50 mm	9)			319606

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