

Model Codes SRD960

Universal Positioner	SRD960									010410
Version										
Single Acting	-B									
Double Acting	-C									
Position Transmitter (w/o pneumatic components)	-T									
Local Control Panel (LCP960) For PST Monitoring	-L									
Input / Communication										
HART (4-20 mA)	(g)(p)	H								
FoxCom (Digital)	(g)(p)	F								
Profibus PA based on IEC 1158-2 (MBP)										
according to FISCO (Fieldbus)	(g)(p)	P								
FOUNDATION Fieldbus H1 based on IEC 1158-2 (MBP)										
according to FISCO (Fieldbus)	(g)(p)	Q								
not applicable.	(f)	X								
Additional Inputs / Outputs										
Without Additional Inputs / Outputs	(n)(p)	N								
Binary Input - integrated.	(g)(p)	B								
Binary Output - integrated	(g)(p)	P								
Binary Inputs/Outputs (mandatory for ESD application)		E								
Analog Position Feedback (4-20 mA)		Q								
- integrated and connected as Option Board	(g)(p)									
- stand alone feedback unit	(f)(p)									
Potentiometer Input (for Remote Mounting - main unit)(g)(p)	(g)(p)	D								
Limit Switches (standard version SJ2-N)	(g)(p)	T								
Limit Switches (security version SJ2-SN)	(g)(p)	U								
Limit Switch (three-wire version)	(g)(p)	R								
Mechanical Switches (Micro Switches)	(g)(p)	V								
Display / Indication										
LEDs (cover without window and without external pushbuttons)	(p)	S								
Graphical LCD (cover with window and with external pushbuttons)	(g)	D								
LEDs (cover with window and with external pushbuttons)	(g)(p)	L								
Gauges										
Without Gauges		S								
Built-In Gauges with scale in bar/psi.	(g)(p)	M								
Pneumtical Connection										
1/4 - 18 NPT	(g)(p)	N								
G 1/4	(g)(p)	G								
not applicable	(f)	X								
Electrical Connection										
1/2 - 14 NPT (w/o cable glands or plugs for certified SRD960)		6								
M20 x 1.5 (w/o cable glands or plugs for certified SRD960)		7								
Electrical Certification / Explosion protection										
Flameproof II 2 G EEx d IIB/IIC T4/T5/T6 according to ATEX (w/o cable glands or plugs)		EDZ								
Explosion-proof according to FM (w/o cable glands or plugs)	(g)(p)	FDZ								
GOST Approved For Explosion-proof		GDZ								
Without Ex (with cable glands and plugs).		ZZZ								
Mounting Preparation on Positioner										
NAMUR acc. to IEC 534-6 / Direct Mounting to Flowserve actuators FlowPak and FlowTop / Rotary Actuators according to VDI/VDE 3845	(p)	N								
Rotary Actuators according to VDI/VDE 3845	(p)	R								
Integrated attachment with air channels on back / Rotary Actuators according to VDI/VDE 3845 (g)(p)	(g)(p)	T								
Direct mounting acc. to NAMUR VDI/VDE 3847 / Rotary Actuators according to VDI/VDE 3845(a)(g)(p).	(a)(g)(p)	D								
NAMUR acc. to IEC 534-6 / Rotary Actuators according to VDI/VDE 3845		F								
Language										
LCD Language in English / German / French	(e)(g)(p)	A								
LCD Language in English / German / Spanish	(e)(g)(p)	B								
LCD Language in English / German / Portuguese	(e)(g)(p)	C								
LCD Language in English / German / Polish	(e)(g)(p)	D								
LCD Language in English / German / Czech	(e)(g)(p)	E								
LCD Language in English / German / Italian	(e)(g)(p)	F								
LCD Language in English / German / Turkish	(e)(g)(p)	G								
LCD Language in English / German / Swedish	(e)(g)(p)	H								
LCD Language in English / German / Finnish	(e)(g)(p)	J								
LCD Language in English / German / Chinese	(a)(e)(g)(p)	K								
LCD Language in English / German / Russian	(e)(g)(p)	L								
LCD Language in English / German / Hungarian.	(e)(g)(p)	M								
LCD Language in English / German / Serbian	(e)(g)(p)	N								
LCD Language in English / German / Dutch	(e)(g)(p)	O								
(continued on next page)										

MODEL CODES SRD960 (continued)

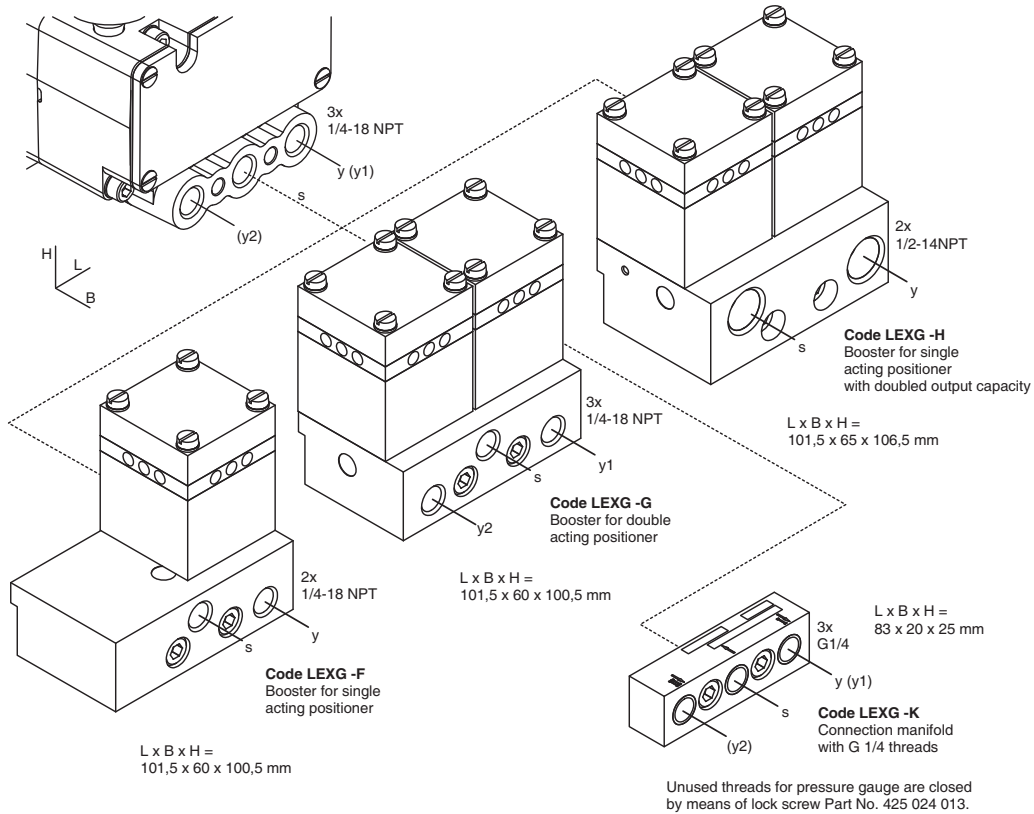
LCD Language in English / German / Romanian.	(e)(g)(p)	P
LCD Language in English / German / Lithuanian.	(e)(g)(p)	Q
Without	(h)(p)	S
Options		
Diaphragm Amplifier for double acting positioner.	(j)(p)	-M
Premium Diagnostics Features (made with built-in pressures sensors) (HART and FoxCom); Build in pressure sensors (analog, FF, Profibus)	(d)(g)(p)	-B
Infrared Interface for communication by means of IRCOM	(d)(g)(k)(p)	-I
Cover for protection of local push buttons	(g)(k)	-X
Approved for SIL2 / SIL3 application	(i)(p)	-Q
Custom Configuration	(g)(p)	-T
ATEX application down to -40°C	(l)	-F
Certificate EN 10204-2.1 - Certificate of compliance with the order		-1
Cage Clamp Connection (WAGO) instead of Screw terminals.	(p)	-W
Feedback-Unit for Remote Mounting - Version of Position Transmitter only with a potentiometer (m)(p).		-H
Version for ESD Valve with PST functionalities	(b)(p)	-E
Tag No. Labeling		
Stamped With Weather Resistant Color		-G
Stainless Steel Label Fixed With Wire		-L
<p>(a) Not released (b) ONLY WITH (additional Inputs/Outputs E) AND (Optional Feature -B) (d) Not available with Input / Communication D (e) Only with Display / Indication D (f) NOT WITH Version -B, Version C (g) Not available with Version -T (h) Not available with Display / Indication D (i) Only available for Version single-acting -B in connection with Input/Communication D and H (j) ONLY WITH (Version: C) (k) Not in connection with Display / Indication S (l) ONLY with Electrical Classification EDZ (m) Only available with Version T, Input/communication X, Additional inputs outputs N, Display S, Gauges S, Pneumatical connection X, Electrical classification EDZ or GDZ or ZZZ, Mounting preparation F, Language S (n) WITH (Version: B, C) OR WITH (Version: T) AND (Input: X) AND (Optional Features: H) (p) NOT WITH Version -L</p>		

ACCESSORIES, FOR ALL DEVICES

Booster relays, Code LEXG -F, -G, -H

Connection manifold, Code LEXG -K, -L, -D, -D1

Lateral attachment to positioner
 Air output see table on page 3



The use of boosters together with a spool valve amplifier is not recommended.

So avoid to select LEXG-G with SRD960-C

In case of need select LEXG-G with SRD960-Cxxxxxxxx-M

Model Codes Accessories

Parts for Intelligent Positioner	
Attachment kit	EBZG
for diaphragm actuators with casting yoke acc. NAMUR (incl. standard couple lever)	-H2
for diaphragm actuators with pillar yoke acc. NAMUR (incl. standard couple lever)	-K
for directly mounting (incl. standard couple lever)	-D
for mounting to rotary actuators acc. VDI/VDE 3845 (without bracket)	-R
for FlowTop / FlowPak	-E1
Further Attachment kits on request. See also http://www.foxboro-eckardt.com /Products /Positioners /Attachment kits	
Couple lever	
standard (stroke max. 80 mm)	-A
extended (stroke max. 120 mm)	-B
extended (stroke max. 260 mm)	-A1
Manifold (for SRD960, SRD991 and SRI990)	LEXG
With Connection G 1/4.	-K
Booster Relay (for SRD960, SRD991 and SRI990, with connection 1/4 - 18 NPT)	
for Version single acting	-F
for Version double acting	-G
for Version single acting with doubled output capacity	-H
with connection G1/4 - 18	
for Version single acting	-F1
for Version double acting	-G1
for Version single acting with doubled output capacity	-H1
Booster Relay (mounted independent from positioner, for SRD960, SRD991 und SRI990, with connection G1/4)	
for Version single acting	-X1
for Version double acting	-Y1
for Version single acting with doubled output capacity	-Z1
Adapter	AD
Adapter 1/2" NPT to 3/4" NPT (stainless steel)	-A3
Adapter M20 x 1.5 to 1/2" - 14 NPT (internal thread) (Brass nickel plated)	-A5
Adapter M20 x 1.5 to 1/2" - 14 NPT (internal thread) (stainless steel)	-A6
Adapter M20 x 1.5 to PG13.5 (internal thread) (stainless steel)	-A7
Adapter M20 x 1.5 to G1/2" (internal thread) (stainless steel)	-A8
Adapter (plastic) M20 x 1.5 to PG13.5 (internal thread)	-A9
Cable Gland	BUSG
M20 x 1.5 stainless steel	-S6
M20 x 1.5 plastics, color gray	-K6
M20 x 1.5 plastics, color blue	-K7
M20 x 1.5 plastics, color white	-K9
M20 x 1.5 HF-cable gland for Fieldbus	-P4
M20 x 1.5 Plug-connector for Fieldbus (ss / threaded connection 7/8 - UN)	-F2
M20 x 1.5 Plug-connector for Fieldbus (ss / threaded connection M12)	-P3
M20 x 1.5 stainless steel EEx d	-S7
M20 x 1.5 brass zink plated EEx d	-S8
1/2-14 NPT cable gland 6...12 mm, Stainless steel, EEx d	-N1
1/2-14 NPT cable gland 6...12 mm, Steel zink plated, EEx d	-N2
1/2-14 NPT, brass zink plated, EEx d	-N3
M20 x 1.5 Plug, plastic	-V3
M20 x 1.5 Plug, EEx d / explosionproof certified, stainless steel	-V4
1/2-14 NPT Plug, EEx d / explosionproof certified, stainless steel	-V5
M20 x 1.5 Plug, brass zink plated, EEx d	-V6
1/2-14 NPT Plug, brass zink plated, EEx d	-V7