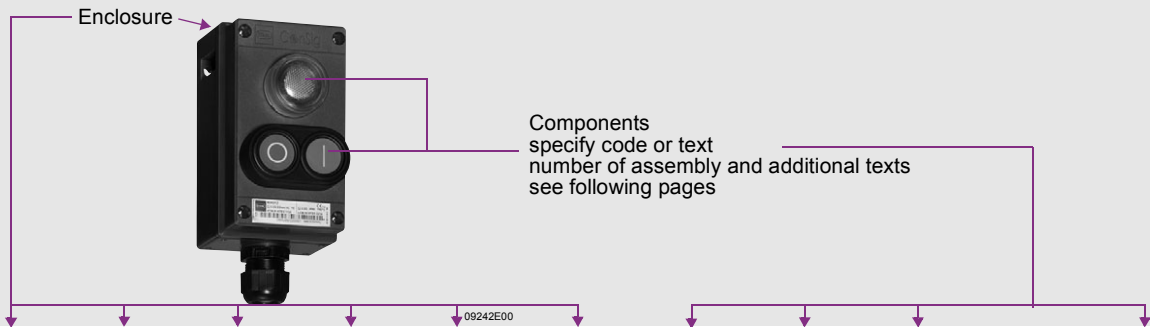


Assembly 8040	Data R. STAHL			Data costumer		
	Contact name	Office	Date of receipt	Company		Order number
	Reference number	Delivery week	Quantity	Date of order	Delivery time	Item

General information

Version <input type="checkbox"/> Single device <input type="checkbox"/> combination consisting of ... enclosures ... identification 	Position Side below <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D (standard)	Plant identification label <input type="checkbox"/> without <input type="checkbox"/> side C <input type="checkbox"/> side D Specify text	PE-terminal <input type="checkbox"/> 1 pc <input type="checkbox"/> 2 pcs
--	--	---	---

Enclosures and components



Enclosure: specify version

Enclosure: specify version						Actuator / bezel		Component		Add. label
8040/11	8040/12	8040/13				E01 assembly	E02 assembly	E03 assembly	E04 assembly	E05 size of label text
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Pos. 1	Pos. 4	Pos. 1	Pos. 6	Pos. 4	Pos. 1					
		Pos. 2	Pos. 7	Pos. 5	Pos. 2					
					Pos. 3					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
8040/11	8040/22	8040/23								

Cable glands and plugs - * Standard: 1 x M 25 x 1,5 mounted into side D; side C closed

Material	<input type="checkbox"/> Plastic <input type="checkbox"/> Metal		Version	Please specify in table below V = gland; S = plug; B = drilling							
Cabel entry	<input type="checkbox"/> Directly into enclosure		<input type="checkbox"/> Plastic flange		<input type="checkbox"/> Brass flange		<input type="checkbox"/> Metal plate				
	Side D	Side C	Side D	Side C	Side D	Side C	Side D	Side C			
1 x M 20 x 1,5											
1 x M 25 x 1,5*											
2 x M 20 x 1,5											
2 x M 25 x 1,5											
others: specify in text											



Specification and layout

The ConSig 8040 control and measurement range offers a variety of combinations and assemblies, of which, with our standard range, we can show you only a small selection. By using the drawings and the data on the following pages, you can design, specify and order your own ConSig 8040 unit. The example below should make design easier. For enquiry our order purposes you can specify your ConSig 8040 control unit as text or as drawing. You may find the drawings and the mounting details on the next pages useful.

Example

- 1 ConSig 8014/13 equipped with:
 - 1 Illuminated pushbutton 8082/8010, spring-return, contacts 1 NO + 1 NC, indicating lamp, red, 230 V; position: top; add. label with text: RESET
 - 1 indicating lamp, white, 230 V; position: centre
 - 1 Twin pushbutton; contacts 1 NO + 1 NC; label: 0/black; I/white; position: below

Enclosure identification:

- 1 Label plate; text: 12M372

Cable glands:

- Side below:
 - 1 Plastic flange equipped with:
 - 1 Cable gland M 25 and
 - 1 Plug M 25
- Top
 - 1 Plug M 25 mounted directly into enclosure wall

Bauplan 8040		Angaben von R. STAHL			Angaben des Kunden		
①	Bearbeiter <i>Haus</i>	Büro <i>Klein</i>	Eingangs-Datum <i>11.11.98</i>	Firma <i>Masterplan</i>	Auftrags-Nr. <i>15-98</i>		
SGLP SGPF	SGM	Auftrags-Nr. <i>S722</i>	Lieferwoche <i>KW 51</i>	Liefermenge <i>10</i>	Auftr.-Datum <i>02.11.98</i>	Lieferttermin <i>KW 51</i>	Pos. <i>1</i>
allgemeine Angaben							
Ausführung	<input checked="" type="checkbox"/> als Einzelgerät (1.1)	Einbaulage	Seite unten	Anlagenbezeichnungsschild	<input type="checkbox"/> ohne	PE-Klemme	
1.1	<input type="checkbox"/> als Gehäusekombination bestehend aus	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> Seite D	<input type="checkbox"/> Seite C	<input type="checkbox"/> A	
2.1	<input type="checkbox"/> Gehäuse; aktuelle Gehäusenummer	<input type="checkbox"/> C	<input checked="" type="checkbox"/> D (Standard)	<input type="checkbox"/> Seite C		<input type="checkbox"/> B	
3.1	<input type="checkbox"/>			Text angeben (3.2)	<i>12M372</i>	<input type="checkbox"/> D	
Gehäuse und Einbaugeräte							
<p>Einbaugeräte Kennziffer oder Text einfügen: Baugruppenbezeichnung und Ergänzungstexte (siehe Angaben Seite 9/56)</p>							
Gehäuse: Ausführung angeben							
8040/11	8040/12	8040/13	8040/21	Vorsatz; Kalotte		Einbauelement	
E01	E02	E03	E04	E05	Zusatzschil		
Pos. 1	Pos. 4	Pos. 6	Pos. 4	Pos. 1	735	rt	735
	Pos. 2	Pos. 7	Pos. 5	Pos. 2	054	ws	064
				Pos. 3	023	0/sw/l/ws	060
8040/21	8040/22	8040/23					
Leitungseinführungen und Verschlussstopfen (3.3) <input checked="" type="checkbox"/> aus Formstoff Typ: 8161/8290 (3.1) <input type="checkbox"/> aus Metall: Typangabe Klartext Bitte in untenstehende Tabelle eintragen: Verschraubung = V, Verschlussstopfen = S oder Bohrung = B							
Einführung	direkt in Gehäuse		Flansch aus Formstoff		Flansch aus Messing		Metallplatte
Größe	Seite D (3.2)	Seite C	Seite D	Seite C	Seite D	Seite C	Seite D
1 x Pg 16*		V					
1 x Pg 21							
1 x M 20 x 1,5							
1 x M 25 x 1,5							
2 x Pg 16			V + S				
andere							
Textangabe							
* Standard: 1 x Pg 16 Seite D; Seite C geschlossen							

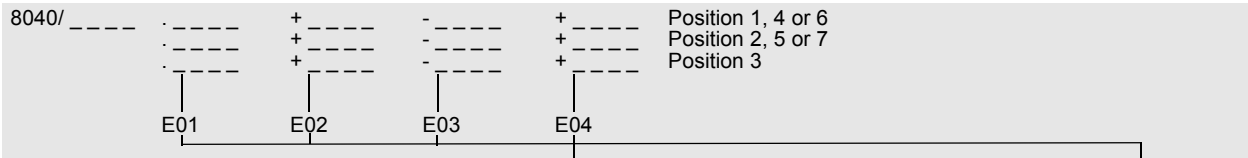
Clarification of specification sheet:








The data for the sample unit has been transferred to the sheet as follows:

1. General information on unit
 - 1.1 A single unit is required
 - 1.2 Fitting position: Side A down (label legibility)
 - 1.3 Label text: 12M372; to attach on cover
2. Enclosure and components
 - 2.1 Enclosure: size 3; with 3 locations
 - 2.2 Specify devices:
 - Position 1**
 - E01 735 Assembly actuator, spring-return version
 - E02 rt Actuator colour: red
 - E03 737 Assembly: Illuminated pushbutton element, contacts: 1 NO + 1 NC
 - E03 ws Colour indicating lamp: white
 - E05 1/RESET Backing label size 1; text: RESET
 - Position 2**
 - E01 054 Indicating lamp
 - E02 ws Assembly bezel
 - E03 ws Colour bezel: white
 - E03 064 Indicating lamp
 - E04 ws Colour indicating lamp: white
 - Position 3**
 - E01 023 Twin-pushbutton
 - E01 023 Assembly actuator
 - E02 0/sw/l/ws Label 1: symbol 0; colour: black
Label 2: symbol I; colour: white
 - E03 060 Assembly contact element: 1 NO + 1 NC
3. Cable glands
 - 3.1 Plastic glands are used
 - V 1 Cable gland M 25; side C; direct mounted into enclosure
 - V + S 1 Cable gland M 25 and Plug M 25; side D; mounted into flange



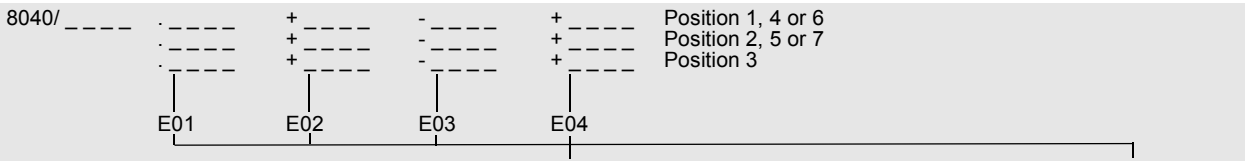
Selection and ordering data for 8040 layout - control devices


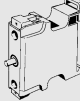


Designation	Description	Code	Notes (Z = add. text; M = mounting position)	Code		
Control buttons- actuators		E01		E02		
 05733E00	Momentary control function	001	Z Specify labels Symbol Colour M All except pos. 4	_ / _		
 05534E00	2 pushbuttons in one actuator	023	Z Specify labels Label 1 Symbol Colour Label 2 Symbol Colour M All except pos. 4	_ / _		
 05538E00	Mushroom diameter 38 mm; colour: black	003	Z Specify labels Symbol Colour M all except pos. 4	_ / _		
 05536E00	Actuator, latching, twist to release; red version for EM-function Mushroom diameter 38 mm	Colour: red	010	Z Specify labels Symbol Colour	_ / _	
		Colour: black	012			
		Mushroom diameter 55 mm	015	M All except pos. 4		
 05537E00	Release only with key; red version for EM-function; standard and special key available (Standard KMS01)	Colour: red	009	Z Specify labels Symbol Colour M All except pos. 4	_ / _	
		Colour: black	006			
 05540E00	Operable only with key; standard and special key available (Standard KMS01)	007	M All except pos. 4			
 05540E00	Operable only with key; standard and special key available (Standard KMS01)	2 switch positions	0 - 1	008	Z Special: Key withdrawable in switch position	_ / KMS ...
		3 switch positions		308	0 I 0 + I	2 3 1
					M All except pos. 4	



Selection and ordering data for 8040 layout - control devices



Designation	Description	Code	Notes (Z = add. text; M = mounting position)	Code
Actuator  05527E00	For 2 or 3 switch positions	726	2 switch positions Z Latching Spring-return 3 switch positions Z Latching left Spring -return left Latching right Spring -return right M All except pos. 4	2 - _ r t 3 - _ _ r t _ r _ t
Contact blocks - control buttons		E03		E04
Contact blocks 8082/1  05499E00	Contacts	1 NO 022 1 NC 021 1 NO + 1 NC 060 2 NC 061 2 NC 061 2 NO 062 3 NC 760 3 NO 761 1 NO + 2 NC 762 2 NO + 1 NC 763	M All except pos. 4	
Example:	Pushbutton actuator; label symbol 0, colour: red; contacts: 2 NC			
	E01 001	E02 0/r	E03 061	E04


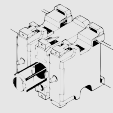


Selection and ordering data for 8040 layout - control devices



Designation	Description	Code	Notes (Z = add. text; M = mounting position)	Code
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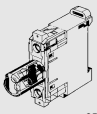
Illuminated pushbutton

Actuator  05648E00	Spring-return version Colours: white, red, yellow, blue, green	E01	Z Specify colour of indicating lamp White Red Green Yellow Blue M All except pos. 4	E02
		735		ws rt gn ge bl
Illuminated contact block  05598E00	indicating lamp + contact element 1 NC + 1 NO colour filter in actuator indicating lamp + contact element 2 NC colour filter in actuator indicating lamp + contact element 2 NO colour filter in actuator	E03	Z Specify colour of indicating lamp White	E04
		737		ws
		738		
		739		

Example: Illuminated pushbutton, spring-return; 1 NC + 1 NO; indicating lamp, colour: green

E01	E02	E03	E04
735	gn	737	ws

Diode indicating lamp

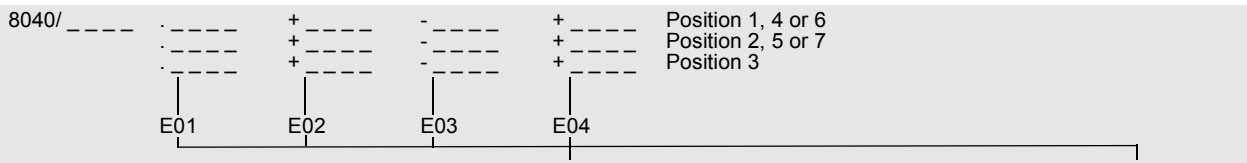
Bezel  05568E00	Colours: white, red, yellow, blue, green	E01	Z Specify colour of indicating lamp White Red Green Yellow Blue M All except pos. 4	E02
		054		ws rt gn ge bl
Indicating lamp  05569E00	For voltage range: 20 V - 15 % ...254 V + 6 %, UC, 0 ... 60 Hz colour: white (colour filter in bezel)	E03	Z Apecify colour of indicating lamp White	E04
		064		ws
			M All except pos. 4	

Example: Diode indicating lamp; colour: green

E01	E02	E03	E04
054	gn	064	ws



Selection and ordering data for 8040 layout - control devices

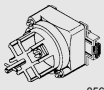




Designation	Description	Code	Notes (Z = add. text; M = mounting position)	Code
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Potentiometer


Rotary actuator	Black with scale	E01		E02
		092	M All except pos. 4 Z Specify measuring scale 0 ... 6 0 ... 10 0 ... 100	006 010 100
Potentiometer - insert	Available in versions 1 W and 2 W resistance values up to 4,7 MΩ	E03		E04
		096	Z Specify measuring range 1 W 2 W Specify resistance values (see potentiometer 8208)	_ / _ - -
Example:	Potentiometer, measuring range 100 Ω, 2 W; rotary actuator with scala 0 ... 10			
	E01 092	E02 010	E03 096	E04 2 W/100Ω

Control switch 8008


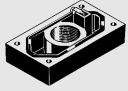

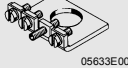

Control switch element		E01		E02
 05627E00	2-pole	160	Z Specify switching arrangement	
Rotary actuator, large  05529E00	Black, standard: not padlockable, special: lockable (triple) in 1 position various labels available, labels not interchangeable Symbol disks for assembly 731 black / white 0-OFF-I-ON 0-Betrieb-Auto Hand-0-Auto I-0-I-0; 0-I; I-II; I-0-II; 0-I-II 0-Betrieb-I 0/OFF-I/ON black / yellow 0-OFF-I-ON	731	M Possible in enclosures 8040/11 -> position 4 8040/13 -> positions 5, 6, 7	
			Z Lockable No 1 gang 3 gang	_ / _ 0 1 3
			Z Specify lockable switch position Z Specify add. label	- -
Rotary actuator, small  05527E00	Black, not padlockable	732	M All except pos. 4 Z Specify add. label	-
	Black, lockable in 1 position	734	M Possible in enclosures 8040/11 -> position 4 8040/12 -> position 2 8040/13 -> positions 5, 6, 7 Z Specify add. label Z Specify lockable switch position	- -



Labels for pushbuttons and selector switches

 05753E00	Description		Code	Description		Code
	Designation	Colour	E02	Designation	Colour	E02
	Ab	black	Ab/sw	I	white	I/ws
	Auf	black	Auf/sw	I	green	I/gn
	CLOSE	black	CLOSE/sw	0	red	0/rt
	OPEN	black	OPEN/sw	0	black	0/sw
	Ein	black	Ein/sw	turn-arrow	red	P01/rt
	OFF	red	OFF/rt	I 0	black	I 0/sw
	Aus	red	Aus/rt	arrow	black	P02/sw
	Aus	black	Aus/sw	arrow	black	P03/sw
	START	white	START/ws	Labels plain, text acc. to order	blau	bl
	RESET	blue	RESET/bl		gelb	ge
	STOP	red	STOP/rt		red	rt
	STOP	black	STOP/sw		green	gn
	II	black	II/sw		white	ws
	II	green	II/gn		black	sw
	I	black	I/sw			

Accessories and spare parts

Designation	Illustration	Description	Ordering code	Weight kg
Plant identification label	 05603E00	plain; for fitting to enclosures 8040; plastic; paper label	8040001850	0,032
Flange in brass	 05626E00	to fit in factory only on sides C and D		
		Hole sizes acc. to specification (up to M 20 x 1,5 2 threaded holes are possible)	8040812490	0,280
		with thread 1 x M 20 x 1,5	8040813490	0,280
		with threads 2 x M 20 x 1,5	8040816490	0,280
Flange in plastic	 05625E00	to fit in factory only on sides C and D		
		threads acc. to specification	8040815490	0,900
		with threads 2 x M 20 x 1,5	8040823490	0,148
		with threads 2 x M 25 x 1,5	8040817490	0,900
Brass plate	 05633E00	for earthing metal cable glands; sides C and D		
		threaded holes M 20 x 1,5	8040007550	0,042
		threaded hole M 25 x 1,5	8040008550	0,037
Combination adaptor set	 05616E00	for combining 2 enclosures Attention! Lower enclosure requires: tapped hole M 25 in side C (top) Upper enclosure requires: tapped hole M 25 in side D (below)	8040806290	0,019

