

Double-handle controller D64 / DD64



The double-handle controller D64/DD64 is available in either single-axis or multi-axis options and is a robust controller used commonly in electro-hydraulic applications. The modular design enables the switching device to be used universally. The double-handle controller is resistant to oil, maritime conditions e.g. offshore / vessels, UV radiation typically from the sun.

Technical data

Mechanical life D64	10 million operating cycles
Mechanical life DD64	20 million operating cycles
Operation temperature	-40°C to +85°C
Degree of protection	up to IP54 front



Example

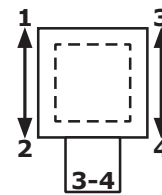
	D64	S5	Q	/	Q	-01 Z P	+03A R C	-A05 P134	+A110 C01	-X
Basic unit	D64									
Control-handle extended	S5 -20 mm									
Grip- control handle left	Q T-grip									
Grip- control handle right	Q T-grip									
Axis 1 (direction 1-2)	01 2 contacts (2A 250 V AC15) Z Spring return P Potentiometer									
Axis 2 (direction 3-4)	03A 6 contacts (4A 250 V AC15) R Friction brake C Opto-electronical encoder									
Description axis 1 (direction 1-2)	A05 Arrangement MSP21 P134 Potentiometer T396 2 x 5 kOhm									
Description axis 2 (direction 3-4)	A110 Arrangement MSP 24-0 C01 OEC 2-1-1									
Special model	X Special / customer specified									

Combination possibilities with our handles



	D64	S5	Q / Q	-01 Z P	+03 A R C	-A05	P134	+A110	C01	-X
Basic unit										
D64										
Reinforced version										
DD64										
Control-handle long										
	Standard 180 mm*									
S5	-20 mm									
S8	+20 mm									
*Only in combination with knob!										
Grip- control handle left										
	Knob									
M	Mechanical zero interlock									
T	Dead man									
H	Signal button									
D	Push button									
DV	Flush push button									
Q	T-grip									
QM	T-grip with mechanical zero interlock									
QMH	T-grip with mechanical zero interlock + signal contact									
QH	T-grip + signal button									
QD	T-grip + push button side									
B10	Palm grip B10... (see page 197)									
Grip- control handle right										
	Knob									
M	Mechanical zero interlock									
T	Dead man									
H	Signal button									
D	Push button									
DV	Flush push button									
Q	T-grip									
QM	T-grip with mechanical zero interlock									
QMH	T-grip with mechanical zero interlock + signal contact									
QH	T-grip with signal button									
QD	T-grip push button side									
B10...	Palm grip B10... (see page 197)									

Identification of the installation variants with switching directions:



D64 / DD64

D64 S5 Q / Q -01 Z P +03 A R C -A05 P134 +A110 C01 -X

Axis 1: direction 1-2

(Standard contacts gold-plated 2A 250 V AC15)

01	<input type="checkbox"/>	2 contacts	Standard contacts - see arrangement page 140	
02	<input type="checkbox"/>	4 contacts	e.g.	
03	<input type="checkbox"/>	6 contacts	A980	MS00
04	<input type="checkbox"/>	8 contacts	A05	MS21
05	<input type="checkbox"/>	10 contacts	A0500	MS21-00
06	<input type="checkbox"/>	12 contacts	A110	MS24-0
		<input checked="" type="checkbox"/> = Silver contact (4A 250 V AC15)	A99 contact - arrangement according customer request	

Z Spring return

R Friction brake

(P) Mounting options for potentiometer and encoder (Gessmann-types)

P	Potentiometer	P131	T396 2 x 0,5 kOhm	I max. 1 mA
		P132	T396 2 x 1 kOhm	I max. 1 mA
		P133	T396 2 x 2 kOhm	I max. 1 mA
		P134	T396 2 x 5 kOhm	I max. 1 mA
		P135	T396 2 x 10 kOhm	I max. 1 mA
		<i>More potentiometers on request!</i>		

C Encoder C... Encoder see page 146

Axis 2: direction 3-4

(Standard contacts gold plated 2A 250 V AC15)

01	<input type="checkbox"/>	2 contacts	Standard contact - see arrangement on page 140	
02	<input type="checkbox"/>	4 contacts	e.g.	
03	<input type="checkbox"/>	6 contacts	A980	MS00
04	<input type="checkbox"/>	8 contacts	A05	MS21
05	<input type="checkbox"/>	10 contacts	A0500	MS21-00
06	<input type="checkbox"/>	12 contacts	A110	MS24-0
		<input checked="" type="checkbox"/> = Silver contacts (4A 250 V AC15)	A99 contact - arrangement according customer request	

Z Spring return

R Friction brake

(P) Mounting options for potentiometer and encoder (Gessmann-types)

P	Potentiometer	P131	T396 2 x 0,5 kOhm	I max. 1 mA
		P132	T396 2 x 1 kOhm	I max. 1 mA
		P133	T396 2 x 2 kOhm	I max. 1 mA
		P134	T396 2 x 5 kOhm	I max. 1 mA
		P135	T396 2 x 10 kOhm	I max. 1 mA
		<i>More potentiometers on request!</i>		

C Encoder C... Encoder see page 146



D64 S5 Q / Q -01 Z P +03 A R C -A05 P134 +A110 C01 -X

Special model

X Special / customer specified

Attachments

Indicating labels

Indicating labels engraved

1

Double-handle controller

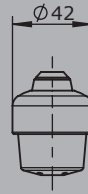
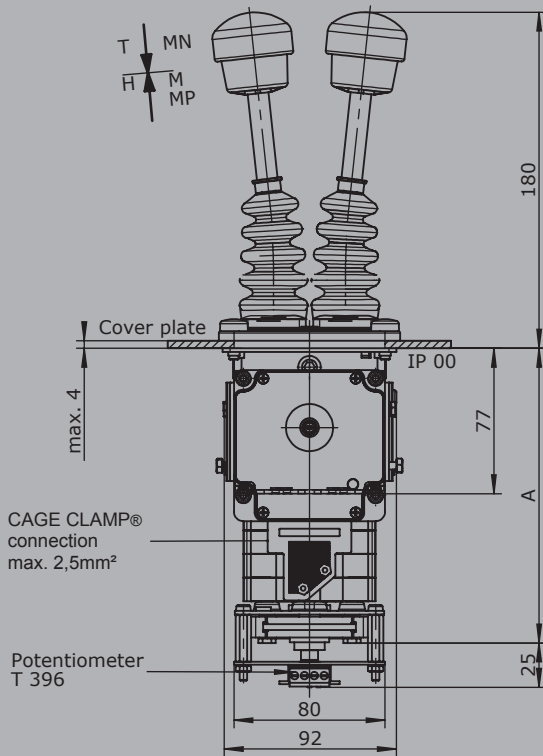
D64 / DD64



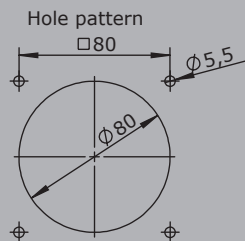
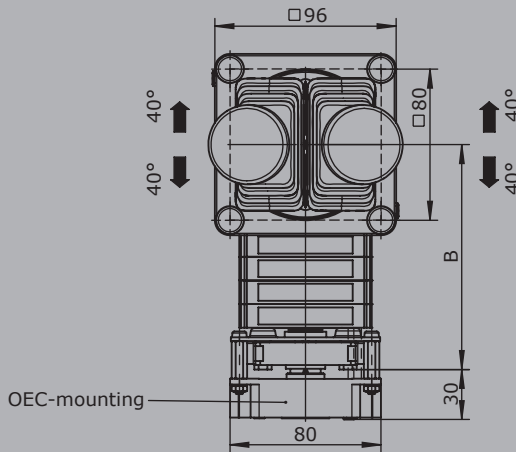
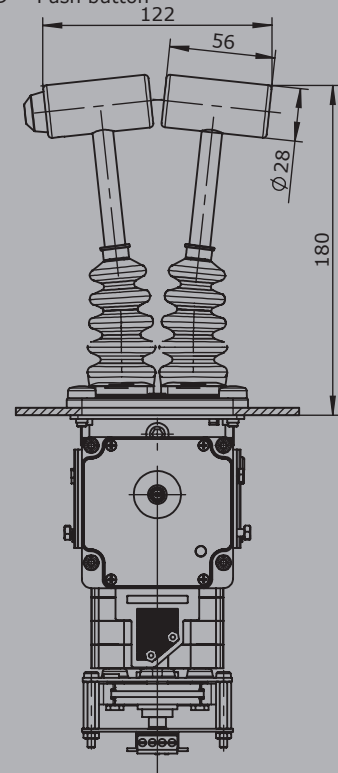
T = Dead man's button
 H = Signal button
 M = Latch for mechanical zero interlock

Knob solid
 D = Push button

T - grip
 D = Push button



To build in:
 Direction 1-2
 Direction 3-4



Type	No. of contacts	Dim. A	Dim. B
01	2	119	82
02	4	131	94
03	6	144	107
04	8	156	119
05	10	169	132
06	12	181	144

