

Double-Handle Controller

D8



The Double-Handle Controller D8 is a robust switching device for electro hydraulic and the hoisting applications. The modular design enables the switching device to be used universally.

Technical data

Mechanical life D8	8 million operating cycles
Operation temperature	-40°C to +85°C
Degree of protection	Up to IP54 front



		D8	S5	Q / Q	-2ZP	+3 RP	Example					
		-B	-A05 P184	+A050 P184	-E9012	-S...	-X					
Basic unit												
D8	Double-Handle Controller											
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)												
2	2 contacts (1,5A 24 V DC13)											
Z	Spring return											
P	Potentiometer											
Axis 2 (direction 3-4)												
3	3 contacts (1,5A 24 V DC13)											
R	Friction brake											
P	Potentiometer											
Cover housing												
B	Cover housing											
Description axis 1 (direction 1-2)												
A05	Arrangement MSP21											
P184	Potentiometer T301 2 x 5 kOhm											
Description axis 2 (direction 3-4)												
A050	Arrangement MSP21-0											
P184	Potentiometer T301 2 x 5 kOhm											
Interface												
E9012	Potentiometer output for proportional valve PVG32											
Plug connector												
S...	Standard plug connector (see page 127)											
Special model												
X	Special / customer specified											

Technical details may vary based on configuration or application! Technical data subject to change without notice!

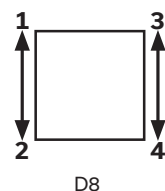
	D8	S5	Q / Q	-2 Z P	+3 R P	-B	-A05	P184	+A050	P184	-E9012	-X
Basic unit												
D8												
Control-handle extended												
	Standard 160 mm*											
S5	-20 mm											
S8	+20 mm											
*Only in combination with knob!												
Grip- control-handle left												
	Knob											
M	Mechanical zero interlock											
T	Dead man											
H	Signal button											
D	Push button											
Q	T-grip											
QD	T-grip with push button side											
B10...	Palm Grip B10... (see page 196)											
Grip- control-handle right												
	Knob											
M	Mechanical zero interlock											
T	Dead man											
H	Signal button											
D	Push button											
Q	T-grip											
QD	T-grip with push button side											
B10...	Palm grip B10... (see page 196)											

Identification of the installation variants with switching directions:

D8

Identification of the installation variants with

switching directions:



		D8	S5	Q / Q	-2 Z P	+3 R P	-B	-A05	P184	+A050	P184	-E9012	-X
Axis 1: direction 1-2 left													
1	1 contact	Standard contact - arrangement see page 129											
2	2 contacts	e.g.											
3	3 contacts	A98											
		A05											
		A050											
		A99 contact - arrangement for customer request											
Z	Spring return												
R	Friction brake												
(P)	Mounting options for potentiometer and encoder (Gessmann-types)												
P	Potentiometer	P181	T301 2 x 0,5 kOhm	I max. 1 mA									
		P182	T301 2 x 1 kOhm	I max. 1 mA									
		P183	T301 2 x 2 kOhm	I max. 1 mA									
		P184	T301 2 x 5 kOhm	I max. 1 mA									
		P185	T301 2 x 10 kOhm	I max. 1 mA									
		More potentiometers on request!											
H	Hall-potentiometer	E14811	0,5...2,5...4,5 V / 4,5...2,5...0,5 V										

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D8



Combination possibilities with our handles



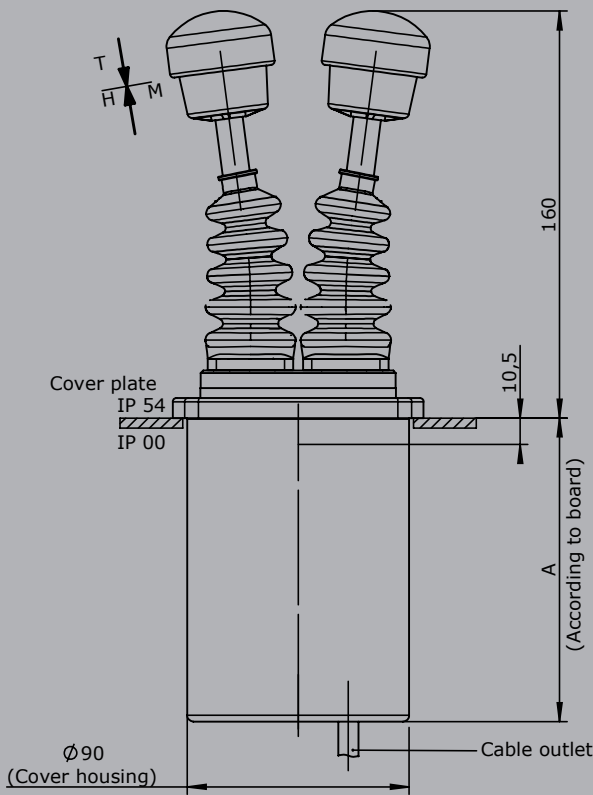
		D8	S5	Q / Q	-2 Z P	+3 R P	-B	A05 P184	+A050	P184	-E9012	-X
Axis 2: direction 3-4												
1	1 contacts	Standard contact - arrangement see page 129 e.g. A98 A05 A050 A99 contact - arrangement for customer request										
2	2 contacts											
3	3 contacts											
Z	Spring return											
R	Friction brake											
(P)	Mounting options for potentiometer and encoder (Gessmann-types)											
P	Potentiometer	P181	T301 2 x 0,5 kOhm	I max. 1 mA								
		P182	T301 2 x 1 kOhm	I max. 1 mA								
		P183	T301 2 x 2 kOhm	I max. 1 mA								
		P184	T301 2 x 5 kOhm	I max. 1 mA								
		P185	T301 2 x 10 kOhm	I max. 1 mA								
		More potentiometers on request!										
	Hall-Potentiometer	E14811	0,5...2,5...4,5 V / 4,5...2,5...0,5 V									

		D8	S5	Q / Q	-2 Z P	+3 R P	-B	A05 P184	+A050 P184	-E9012	-X
Cover housing											
B	Cover housing										
Schnittstelle											
E901	1	Potentiometer output for proportional valve PVG32 0,25...0,5...0,75 Us						1 axis			
	2							2 axis			
Special model											
X	Special / customer specified										

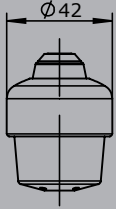
Double-Handle Controller
D8



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

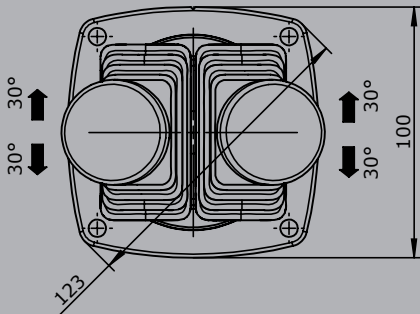
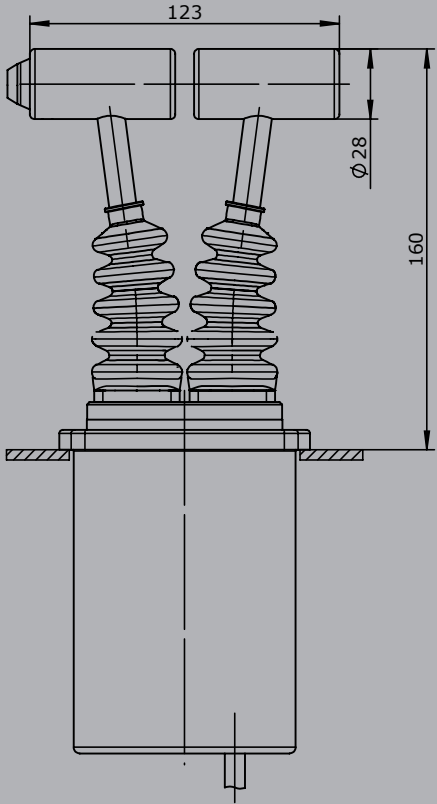


Knob solid
D= Push button

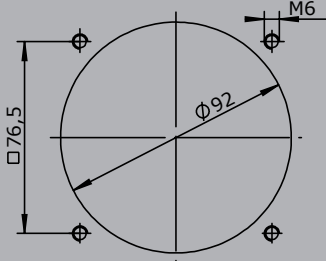


To build in:
Direction 1-2
Direction 3-4

T - grip
D= Push button



Hole pattern



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