

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

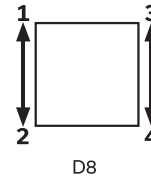
Mechanical life D8	8 million operating cycles
Operation temperature	-40°C to +85°C
Degree of protection	up to IP54 front



		D8	S5	Q / Q	-2ZP	+3 RP	-B	-A05 P184	+A050 P184	-E9012	-S...	-X
Basic unit		D8										
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 120)									
Special model		X	Special / customer specified									

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

Identification of the installation variants with switching directions:



		D8	S5	Q / Q	-2 Z P	+3 RP	-B	-A05	P184	+A050	P184	-E9012	-X
Axis 1: direction 1-2 left													
1	1 contact	Standard contact - arrangement see page 122											
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										

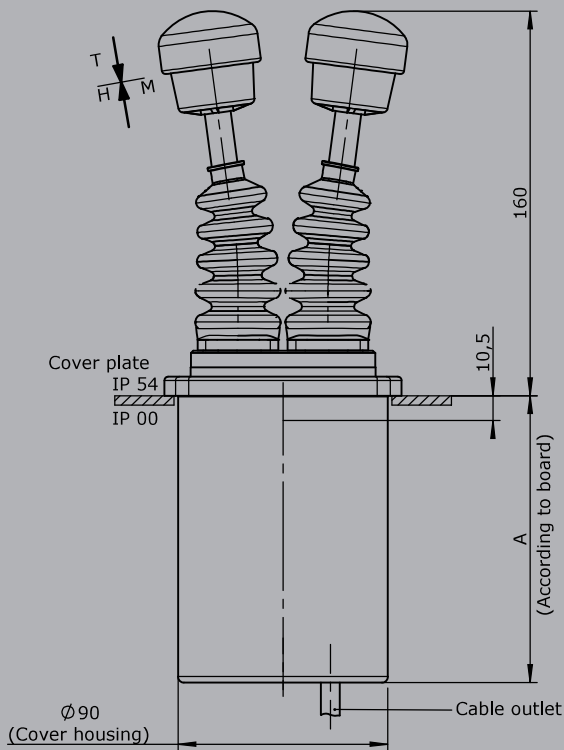
Combination possibilities with our handles



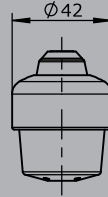
		D8	S5	Q / Q	-2 Z P	+3 R P	-B	A05 P184	+A050	P184	-E9012	-X
Axis 2: direction 3-4												
1	1 contacts	Standard contact - arrangement see page 122 e.g. A98 A05 A050 <i>A99 contact - arrangement for customer request</i>										
2	2 contacts											
3	3 contacts											
Z	Spring return											
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							
		<i>More potentiometers on request!</i>										
	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										

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

