

Double-Handle Controller

D3



GESSMANN®

The Double-Handle Controller D3 is a robust switching device for nautical navigation 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 D3	12 million operating cycles
Operation temperature	-40°C to +85°C
Degree of protection	IP66 front

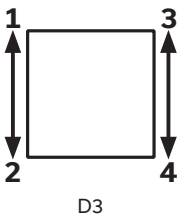


		D3	S5	Q / Q	-2 R P	+3 R P	Example		-B	-A05 P484	+A05 P484	-E1292	-S...	-X
Basic unit														
D3	Double-Handle Controller													
Control-handle extended														
S5	-20 mm													
Grip- control handle left														
Q	T-grip													
Grip- control handle right														
Q	T-grip													
Axis 1 (direction 1-2)														
2	2 contacts (1,5A 24 V DC13)													
R	Friction brake													
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													
P484	Potentiometer T318 2 x 5 kOhm													
Description axis 2 (direction 3-4)														
A050	Arrangement MSP21-0													
P484	Potentiometer T318 2 x 5 kOhm													
Interface														
E1292	Voltage output 0...5...10 V													
Plug connectors														
S...	Standard plug connectors (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!

	D3	S5	Q / Q	-	2 R P	+	3 R P	-	B	-	A05	P484	+	A050	P484	-	E1292	-	X
Basic unit																			
D3	Double-Handle Controller																		
Control-handle extended*																			
	Standard 148 mm*																		
S5	-20 mm																		
S8	+20 mm																		
*Only available in combination with handle!																			
Grip-control-handle left																			
	Knob																		
D	Push button																		
Q	T-grip																		
QD	T-grip with push button side																		
Grip-control-handle right																			
	Knob																		
D	Push button																		
Q	T-grip																		
QD	T-grip with push button side																		

Identification of the installation variants with switching directions:



	D3	S5	Q / Q	-	2 R P	+	3 R P	-	B	-	A05	P484	+	A050	P484	-	E1292	-	X
Axis 1: direction 1-2 left																			
1	1 contact																		
2	2 contacts																		
3	3 contacts																		
R	Friction brake																		
(P)	Mounting options for potentiometer and (Gessmann-types)																		
P	Potentiometer																		
H	Hall-Potentiometer																		

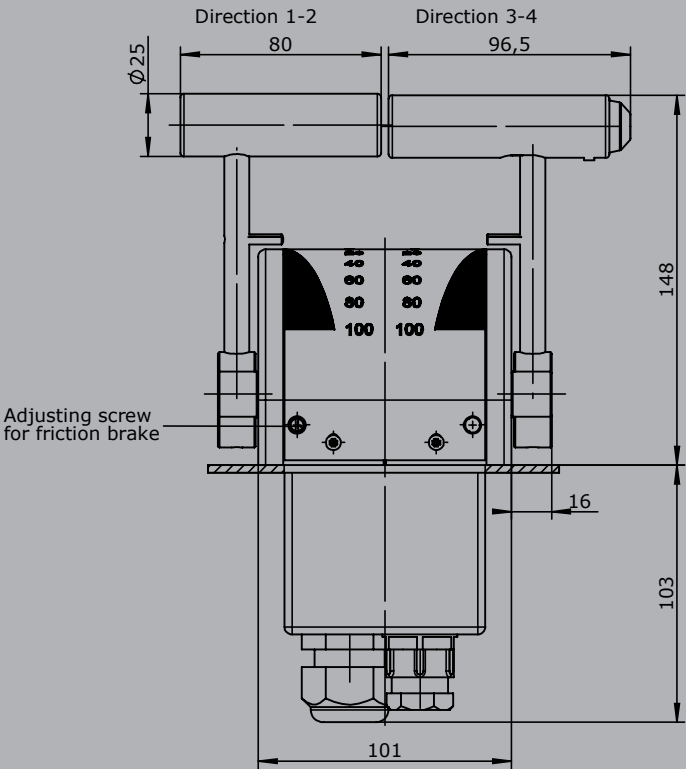
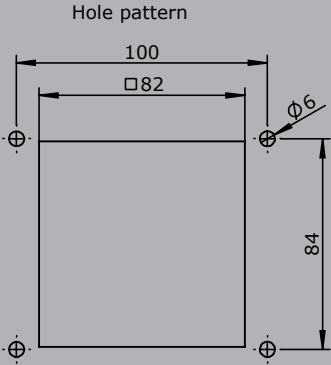
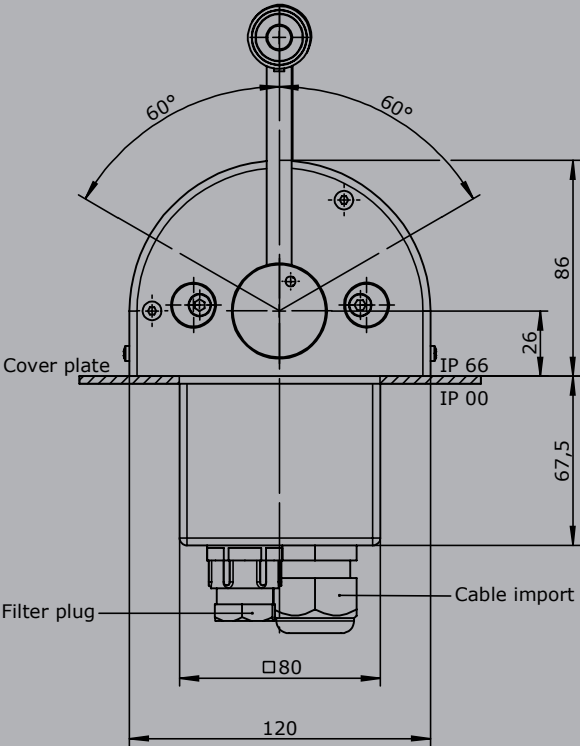
		D3	S5	Q / Q	-	2 R P	+	3 R P	-	B	-	A05	P484	+	A050	P484	-	E1292	-	X
Axis 2: direction 3-4 left																				
1	1 contact	Standard contact- arrangement see page 129																		
2	2 contacts	e.g.																		
3	3 contacts	A98 MS0																		
		A05 MS21																		
		A050 MS21-0																		
		A99 contact - arrangement according customer request																		
R	Friction brake																			
(P)	Mounting options for potentiometer (Gessmann-types)																			
P	Potentiometer				P484	T318 2 x 5 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											

		D3	S5	Q / Q	-	2 R P	+	3 R P	-	B	-	A05	P484	+	A050	P484	-	E1292	-	X
Cover housing																				
B	Cover housing																			
Interface <i>(description the following pages)</i>																				
	Potentiometer output																			
E1xx	Voltage output																			
E2xx	Current output																			
Special model																				
X	Special / customer specified																			

Voltage outputs			
Supply voltage	11,5-32 V DC		
Wiring	Cable 300 mm long without plug connector		
	Optional with plug connector (<i>standard plug connectors see page 127</i>)		S
0...5...10 V per axis			
	1 axis	E129	1
	2 axis		2
10...0...10 V per axis			
	1 axis	E141	1
	2 axis		2
-10...0...+10 V per axis			
	1 axis	E140	1
	2 axis		2
Voltage output with other value on request!			

Current outputs				
Supply voltage	18-36 V DC			
Wiring	Cable 500 mm long without plug connector			
	Optional with plug connector (<i>standard plug connectors see page 127</i>)			S
4...12...20 mA per axis				
		1 axis	E209 1	
		2 axis	2	
20...4...20 mA per axis				
		1 axis	E217 1	
		2 axis	2	

T- grip
D=Push button



Knob solid
D= Push button

