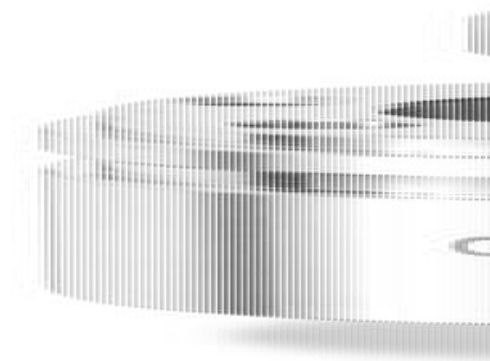


BERÖRINGSFRI VINKELGIVARE VERT-X 37E

VERT-X 37E MH-C

- Robust design med hus i aluminium
- Helt beröringsfri mätmetod
- Obegränsad mekanisk livslängd
- Hög noggrannhet



PRODUKTBESKRIVNING

Vert-X 37E är en robust beröringsfri givare med aluminium hus. Givaren har en hög mätprecision och med flera olika val av mätprinciper hittar du enkelt din givare som passar bäst just i din applikation.

Denna används för positionering och är utmärkt vid ogynnsamma omgivningsförhållanden som fukt, damm och vibrationer. Exempelvis lantbruksmaskiner, byggmaskiner, skogsmaskiner etc.

För beställning, använd nedan beställningsnycklar och/eller kontakta oss.

Vert-X 37E - 24 V / 0,1-10 V

Output characteristics		Electrical connection / axial	
Positive gradient CW	Standard 1	3	Optional Wires 4pole
Positive gradient CCW	Optional 2	5	Standard Wires 3pole
Redundant, positive gradient CW	Optional 3	7	Optional Wires 5pole / 6pole
Redundant, positive gradient CCW	Optional 4	9	Optional Special cable ; special wires
Redundant, crossed signal curves	Optional 5	Electrical connection / radial	
Positive gradient CW with 1 switch output*	Optional A	4	Standard Round cable 3pole
Positive gradient CCW with 1 switch output*	Optional B	6	Optional Round cable 6pole
Positive gradient CW with 2 switch outputs*	Optional C	9	Optional Special cable ; special wires
Positive gradient CCW with 2 switch outputs*	Optional D	Length of wires	
Sense of rotation settable	Optional E	01	Optional 10cm
Zero point & sense of rotation settable	Optional F	03	Optional 30cm
Middle point & sense of rotation settable	Optional G	05	Standard 50cm
Start + end point & sense of rotation settable	Optional H	99	Optional Special length
Programmable with Vert-X EasyAdapt	Optional P	Length of cable	
0,1VDC ... 10VDC		02	Standard 1.0m
Output signal		06	Optional 3.0m
Standard 1		10	Optional 5.0m
Power supply voltage		99	Optional Special length
24VDC Standard 1		Electrical angle	
Vert-X	3 7 E 4	7 3 6	1 1 1
			5 0 5
Electrical angle		36	Standard Electrical angle 360°
36		99	Optional 03 to 35; Declaration in 10° steps
99		99	Optional Special angle
Sensor principle		7	MH-C
7		8	MH-C2
Mechanical version			
37E1	Optional	Servo mount size 13 ; magnetic actuator type 1	
37E2	Optional	Servo mount size 13 ; magnetic actuator type 2	
37E4	Standard	Servo mount size 13 ; magnetic actuator type 4	
37E9	Optional	Special housing ; special magnetic actuator	

Vert-X 37E - 24 V / 0,5-4,5 V

Output characteristics		Electrical connection / axial	
Positive gradient CW	Standard 1	3	Optional Wires 4pole
Positive gradient CCW	Optional 2	5	Standard Wires 3pole
Redundant, positive gradient CW	Optional 3	7	Optional Wires 5pole / 6pole
Redundant, positive gradient CCW	Optional 4	9	Optional Special cable : special wires
Redundant, crossed signal curves	Optional 5	Electrical connection / radial	
Positive gradient CW with 1 switch output*	Optional A	4	Standard Round cable 3pole
Positive gradient CCW with 1 switch output*	Optional B	6	Optional Round cable 6pole
Positive gradient CW with 2 switch outputs*	Optional C	9	Optional Special cable : special wires
Positive gradient CCW with 2 switch outputs*	Optional D	Length of wires	
Sense of rotation settable	Optional E	01	Optional 10cm
Zero point & sense of rotation settable	Optional F	03	Optional 30cm
Middle point & sense of rotation settable	Optional G	05	Standard 50cm
Start + end point & sense of rotation settable	Optional H	99	Optional Special length
Programmable with Vert-X EasyAdapt	Optional P	Length of cable	
0.5VDC ... 4.5VDC		02	Standard 1.0m
Power supply voltage		06	Optional 3.0m
24VDC		10	Optional 5.0m
Standard 1		99	Optional Special length
Vert-X 3 7 E 4		Electrical angle	
7 3 6		36	Standard Electrical angle 360°
1 2 1		xx	Optional 03 to 35: Declaration in 10° steps
5 0 5		99	Optional Special angle
Electrical angle		Sensor principle	
36		7	MH-C
xx		8	MH-C2
99		Mechanical version	
Sensor principle		37E1	Optional Servo mount size 13 : magnetic actuator type 1
7 MH-C		37E2	Optional Servo mount size 13 : magnetic actuator type 2
8 MH-C2		37E4	Standard Servo mount size 13 : magnetic actuator type 4
Mechanical version		37E5	Optional Special housing : special magnetic actuator

Vert-X 37E - 5 V / 10-90 % UB

Output characteristics		Electrical connection / axial	
Positive gradient CW	Standard 1	3	Optional Wires 4pole
Positive gradient CCW	Optional 2	5	Standard Wires 3pole
Redundant, positive gradient CW	Optional 3	7	Optional Wires 5pole / 6pole
Redundant, positive gradient CCW	Optional 4	9	Optional Special cable : special wires
Redundant, crossed signal curves	Optional 5	Electrical connection / radial	
Positive gradient CW with 1 switch output*	Optional A	4	Standard Round cable 3pole
Positive gradient CCW with 1 switch output*	Optional B	6	Optional Round cable 6pole
Positive gradient CW with 2 switch outputs*	Optional C	9	Optional Special cable : special wires
Positive gradient CCW with 2 switch outputs*	Optional D	Length of wires	
Sense of rotation settable	Optional E	01	Optional 10cm
Zero point & sense of rotation settable	Optional F	03	Optional 30cm
Middle point & sense of rotation settable	Optional G	05	Standard 50cm
Start + end point & sense of rotation settable	Optional H	99	Optional Special length
Programmable with Vert-X EasyAdapt	Optional P	Length of cable	
10% ... 90% UB		02	Standard 1.0m
x% ... y% UB (within 0 ... 90%)		06	Optional 3.0m
Power supply voltage		10	Optional 5.0m
5VDC		99	Optional Special length
Standard 2		Electrical angle	
Vert-X 3 7 E 4		36	Standard Electrical angle 360°
7 3 6		xx	Optional 03 to 35: Declaration in 10° steps
2 2 1		99	Optional Special angle
5 0 5		Sensor principle	
Electrical angle		7	MH-C
36		8	MH-C2
xx		Mechanical version	
99		37E1	Optional Servo mount size 13 : magnetic actuator type 1
Sensor principle		37E2	Optional Servo mount size 13 : magnetic actuator type 2
7 MH-C		37E4	Standard Servo mount size 13 : magnetic actuator type 4
8 MH-C2		37E5	Optional Special housing : special magnetic actuator
Mechanical version			

Vert-X 37E - 24 V / 4-20 mA

Output characteristics		Electrical connection / axial	
Positive gradient CW	Standard 1	3	Optional Wires 4pole
Positive gradient CCW	Optional 2	5	Standard Wires 3pole
Redundant, positive gradient CW	Optional 3	7	Optional Wires 5pole / 6pole
Redundant, positive gradient CCW	Optional 4	9	Optional Special cable : special wires
Redundant, crossed signal curves	Optional 5	Electrical connection / radial	
Positive gradient CW with 1 switch output*	Optional A	4	Standard Round cable 3pole
Positive gradient CCW with 1 switch output*	Optional B	6	Optional Round cable 6pole
Positive gradient CW with 2 switch outputs*	Optional C	9	Optional Special cable : special wires
Positive gradient CCW with 2 switch outputs*	Optional D	Length of wires	
Sense of rotation settable	Optional E	01	Optional 10cm
Zero point & sense of rotation settable	Optional F	03	Optional 30cm
Middle point & sense of rotation settable	Optional G	05	Standard 50cm
Start + end point & sense of rotation settable	Optional H	99	Optional Special length
Programmable with Vert-X EasyAdapt	Optional P	Length of cable	
4mA ... 20mA		02	Standard 1.0m
Power supply voltage		06	Optional 3.0m
24VDC		10	Optional 5.0m
Standard 1		99	Optional Special length
Vert-X 3 7 E 4		Electrical angle	
7 3 6		36	Standard Electrical angle 360°
1 5 1		xx	Optional 03 to 35: Declaration in 10° steps
5 0 5		99	Optional Special angle
Electrical angle		Sensor principle	
36		7	MH-C
xx		8	MH-C2
99		Mechanical version	
Sensor principle		37E1	Optional Servo mount size 13 : magnetic actuator type 1
7 MH-C		37E2	Optional Servo mount size 13 : magnetic actuator type 2
8 MH-C2		37E4	Standard Servo mount size 13 : magnetic actuator type 4
Mechanical version		37E5	Optional Special housing : special magnetic actuator

TEKNISK DATA

IP-klass	IP68
Mätområde	0-360°
Repeterbarhet	0,1 °
Samplingshastighet långsam drift	1,66 kHz
Samplingshastighet snabb drift	5 kHz
Temperaturområde från	-40 °C
Temperaturområde till	125 °C
Upplösning	12 bit

