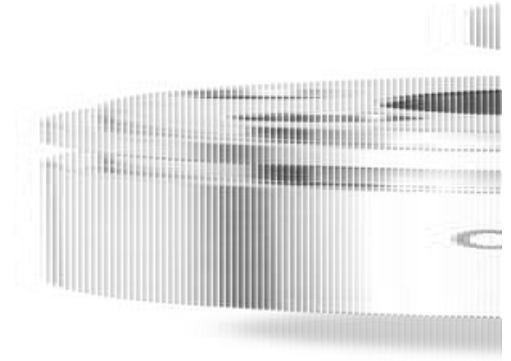


BERÖRINGSFRI VINKELGIVARE VERT-X 37E

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

Vert-X 3 7 E 4 7 3 6 1 2 1 5 0 5

Electrical angle		Electrical angle 360°	
36	Standard	03 to 35	Declaration in 10° steps
xx	Optional		Special angle
99	Optional		Special angle

Sensor principle
7 MH-C
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
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 3pole
Positive gradient CCW	Optional 2	5	Standard Wires 3pole
Redundant, positive gradient CW	Optional 3	7	Optional Wires 3pole / 4pole
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 CW with 2 switch outputs*	Optional B	6	Optional Round cable 4pole
Positive gradient CCW with 2 switch outputs*	Optional C	9	Optional Special cable ; special wires
Sense of rotation settable	Optional D	Length of wires	
Zero point & sense of rotation settable	Optional E	01	Optional 10cm
Middle point & sense of rotation settable	Optional F	03	Optional 30cm
Start + end point & sense of rotation settable	Optional G	05	Standard 50cm
Programmable with Vert-X EasyAdapt	Optional H	99	Optional Special length
	Optional P	Length of cable	
10% ... 90% UB	Standard 2	02	Standard 1.0m
0% ... 9% UB (within 0 ... 90%)	Optional 3	06	Optional 3.0m
		10	Optional 5.0m
		99	Optional Special length
Power supply voltage	Standard 2		
5VDC			

Vert-X 3 7 E 4 7 3 6 2 2 1 5 0 5

Electrical angle		Electrical angle 360°	
36	Standard	03 to 35	Declaration in 10° steps
xx	Optional		Special angle
99	Optional		Special angle

Sensor principle
7 MH-C
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
37E5 Optional Special housing ; special magnetic actuator

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

Output characteristics		Electrical connection / axial	
Positive gradient CW	Standard 1	3	Optional Wires 3pole
Positive gradient CCW	Optional 2	5	Standard Wires 3pole
Redundant, positive gradient CW	Optional 3	7	Optional Wires 3pole / 4pole
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 CW with 2 switch outputs*	Optional B	6	Optional Round cable 4pole
Positive gradient CCW with 2 switch outputs*	Optional C	9	Optional Special cable ; special wires
Sense of rotation settable	Optional D	Length of wires	
Zero point & sense of rotation settable	Optional E	01	Optional 10cm
Middle point & sense of rotation settable	Optional F	03	Optional 30cm
Start + end point & sense of rotation settable	Optional G	05	Standard 50cm
Programmable with Vert-X EasyAdapt	Optional H	99	Optional Special length
	Optional P	Length of cable	
4mA ... 20mA	Standard 5	02	Standard 1.0m
		06	Optional 3.0m
		10	Optional 5.0m
		99	Optional Special length
Power supply voltage	Standard 1		
24VDC			

Vert-X 3 7 E 4 7 3 6 1 5 1 5 0 5

Electrical angle		Electrical angle 360°	
36	Standard	03 to 35	Declaration in 10° steps
xx	Optional		Special angle
99	Optional		Special angle

Sensor principle
7 MH-C
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
37E5 Optional Special housing ; special magnetic actuator

TEKNISK DATA

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

