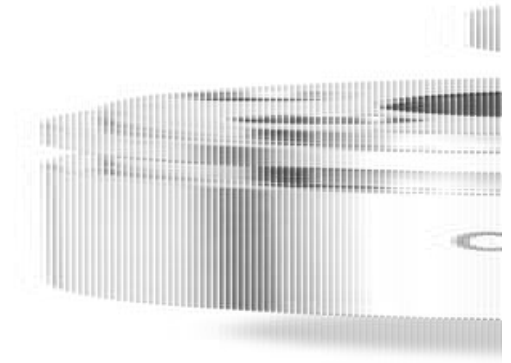


## BERØRINGSFRI VINKELGIVER VERT-X 37E

VERT-X 37E MH-C  
 VERT-X 37E MH-C

- Berøringsfri måleteknologi
- Meget lang mekanisk levetid
- Høy nøyaktighet
- Tåler krevende miljøer
- Hus av aluminium



### PRODUKTBESKRIVELSE

Vert-X 37E er en robust kontaktløs vinkelgeber med aluminiumshus. Sensoren har høy målepresisjon, med flere forskjellige valg. Du kan skreddersy sensoren til din applikasjon.

Brukes gjerne til posisjonering, og er utmerket til oppgaver i ugunstige miljøer. Takler for eksempel fuktighet, støv og vibrasjoner svært godt. Vanlige bruksområder er landbruksmaskiner, anleggsmaskiner, skogsmaskiner m.m.

For bestilling, bruk nøkkelen under og/eller kontakt oss.

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

Output characteristics		Electrical connection / axial	
Positive gradient CW	Standard 1	3	Optional Wires 4-pole
Positive gradient CCW	Optional 2	5	Standard Wires 3-pole
Redundant, positive gradient CW	Optional 3	7	Optional Wires 5-pole / 6-pole
Redundant, positive gradient CCW	Optional 4	9	Optional Special cable ; special wires
Redundant, crossed signal curves	Optional 5		
Positive gradient CW with 1 switch output*	Optional A	Electrical connection / radial	
Positive gradient CCW with 1 switch output*	Optional B	4	Standard Round cable 3-pole
Positive gradient CW with 2 switch outputs*	Optional C	6	Optional Round cable 6-pole
Positive gradient CCW with 2 switch outputs*	Optional D	9	Optional Special cable ; special wires
Sense of rotation settable	Optional E		
Zero point & sense of rotation settable	Optional F	Length of wires	
Middle point & sense of rotation settable	Optional G	01	Optional 10cm
Start + end point & sense of rotation settable	Optional H	03	Optional 30cm
Programmable with Vert-X EasyAdapt	Optional P	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

Power supply voltage		Output signal	
0,1VDC ... 10VDC	Standard 1		
24VDC	Standard 1		

Electrical angle		Electrical angle 360°	
36	Standard	03 to 05	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
Power supply voltage	Standard 1	10	Optional 5.0m
24VDC		99	Optional Special length
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		
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
y% ... y% UB (within 0 ... 90%)	Optional 3	06	Optional 3.0m
		10	Optional 5.0m
Power supply voltage	Standard 2	99	Optional Special length
5VDC			
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		
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
Power supply voltage	Standard 1	10	Optional 5.0m
24VDC		99	Optional Special length
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		
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	

## TEKNISKE DATA

<b>IP-klasse</b>	IP68
<b>Måleområde</b>	0-360°
<b>Oppløsning</b>	12 bit
<b>Repeterbarhet</b>	0,1 °
<b>Sampling Rate Fast Operation</b>	5 kHz
<b>Sampling Rate Slow Operation</b>	1,66 kHz
<b>Temperaturområde fra</b>	-40 °C
<b>Temperaturområde til</b>	125 °C

