

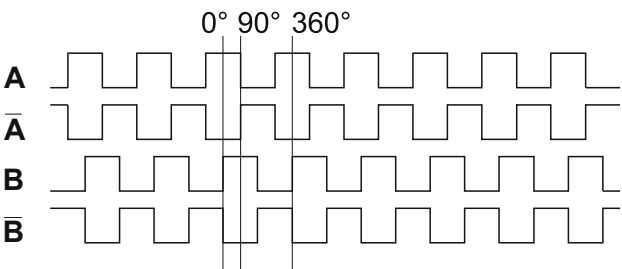
FNC HW 100 Series



Features

- Axis selection switch
- Rate override switch
- Reset switch
- 100 ppr standard encoder
- Voltage output
- 5-30V wide supply range
- Line driver output

Pulse diagram



Technical data - electrical ratings

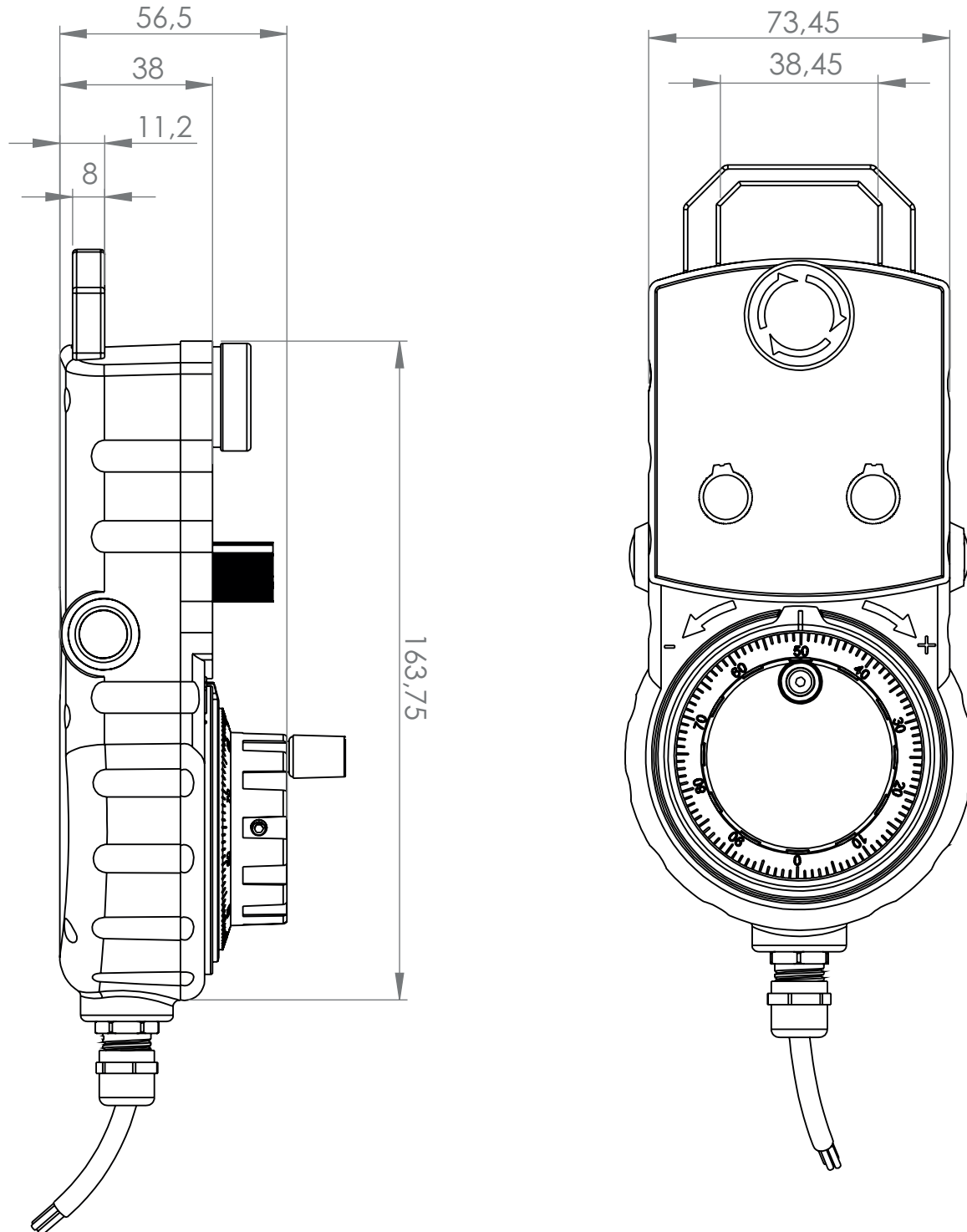
Operating voltage	+5V .. 30V (Hand wheel)
Output type	RS422 (Hand wheel)
Output signals	90° shifted A and B, inverted
Frequency response	0 - 5 kHz
Current consumption	max 60mA
Utilization category	250 VAC /3A (Emergency stop)
Switching capacity (VA)	max. 0,2VA
Switching voltage	max. DC 50V push buttons max. 15V selector switch max. AC32V push buttons

Technical data - mechanical ratings

Encoder material	Shaft: Stainless steel Housing : Aluminum Cover : ABS
Hand wheel material	Housing : ABS
Normal rotational speed	max 200 r / min
Operating temperature	-10...+80°C
Weight approx.	450 g

FNC HW 100 Series

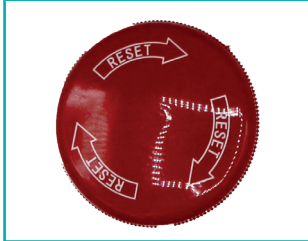
Mechanical Dimensions



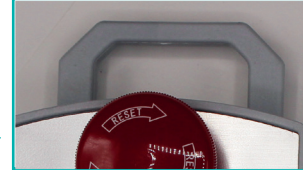
FNC HW 100 Series

Mechanical Dimensions

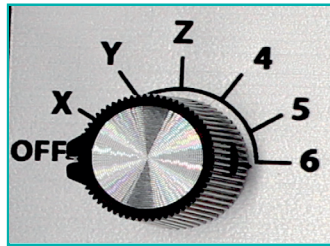
EMERGENCY STOP



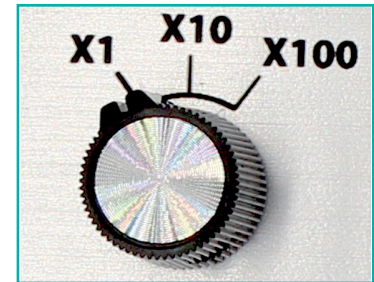
HANGER



AXIS SELECTION SWITCH



RATE OVERRIDE SWITCH



SAFETY SWITCH



100 PPR ENCODER



FNC HW 100 Series

Cable Connection

Function	Color	Renk
+VCC		Brown
GND		White
A		Yeşil
A'		Kırmızı
B		Sarı
B'		Pembe
X1		Gri
X10		Mor
X100		Turuncu
COM		Turuncu-Siyah
X		Gri-Siyah
Y		Mor-Siyah
Z		Yeşil-Siyah
4		Sarı-Siyah
5		Kırmızı-Siyah
6		Pembe-Siyah
EM1		Mavi
EM2		Mavi-Siyah

