

Beskrivning

ARW rollern från Walvoil är en enaxlig rulle med proportionell utsignal. Den är endast 18.3mm bakom panel vilket gör att den får plats i de flesta handtag och styrdon.

Utsignalen kan vara antingen redundant eller singel 0,5-4,5V

Rullen är tätad enligt IP67-IPX9K!

Flera olika varianter på vaggans utförande finns tillgängliga.

Actuator behaviour

Select the type of roller behaviour to return to center position.



Roller
Spring return



Roller
Detent

Case Type

Select "Standard" if the roller is powered with the battery voltage (9-32V).
Select "Reduced Case" if the roller is powered by the joystick base or with an external 5V power supply.



Roller
Reduced case (only 5V)



Roller
Standard

Actuator Type

Select the shape of the actuator.



Milled
High Actuator



Milled
Low Actuator



Milled
High Rounded Actuator



Milled
Low Rounded Actuator

Color

Select the color of the actuator of the roller.



Orange



Gray



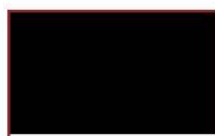
Gray RAL7005



Black

Case Color

Select the color of the body of the roller.



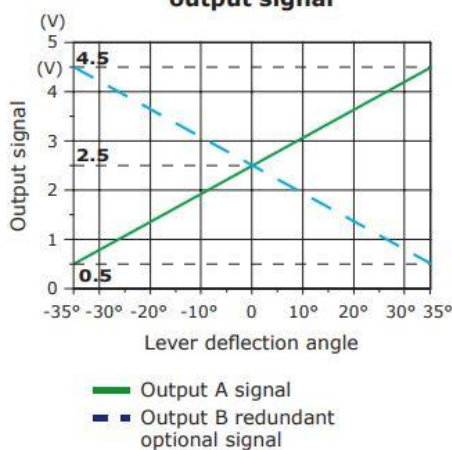
Black

ARW type proportional roller

Supply voltage	from 8 to 32 VDC
Max. current consumption	< 24 mA
Max. output current	1 mA
Output signal (range)	0,5 - 4,5 V
Output signal (central position)	2,5V
Signal tolerance (central position and stroke end)	±100 mV
Minimum load	10 KΩ
Actuator deflection angle	± 35° (±1°)
Mechanical life (nr. of operations)	10 ⁶
Operating force	2 N
Mechanical vibration	IEC 68-2
Mechanical shock	EN 60068-2-29 (pulse 400m/s ² x 6 ms, 100 times)
Weather protection	IP67-IPX9K
EMC compatibility	ISO 13766 ISO 14982

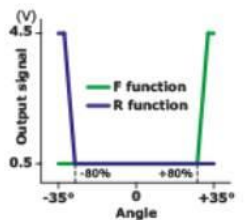


Proportional roller output signal

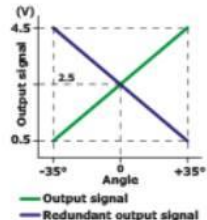


Signal Type

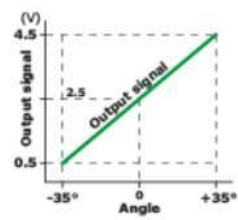
Select the type of signal of the roller.



Std. FNR output signal
Power supply: 5V and 8-32V



Redundant output signal
Power supply: 5V and 8-32V



Single output signal
Power supply: 5V and 8-32V