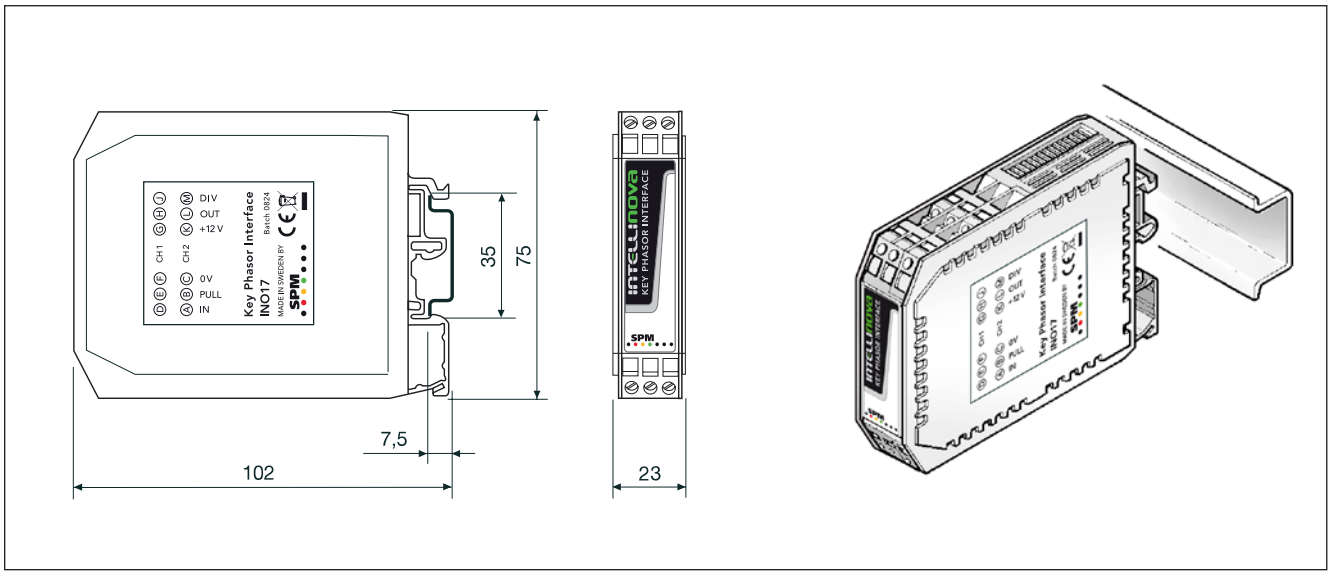
Intellinova® – Key Phasor Interface INO17



INO17 is a tachometer sensor interface ideal for connecting the Intellinova online system to buffered outputs of a machine protection system. It has two input channels with common 12V power supply from Intellinova. The interface has three main functions:

1. It converts signals from proximity probes (Eddy current) via buffered outputs of a machine protection system. The interface will automatically find the voltage threshold for the various sensors.

2. When using sensors with high output frequency the 'DIV' output can be used for division of the frequency to 1/10 of the input signal. Additional division to 1/100 can be made by connecting both channels in series.

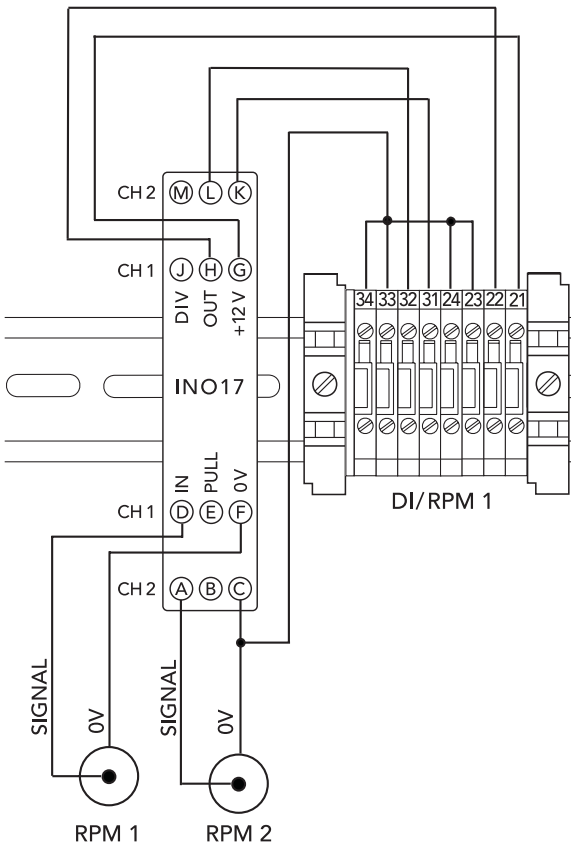
3. When the interface is connected to an open collector output the 'PULL' input can be used to ensure the trigger level and filter out noise.

INO17 is intended for DIN rail mounting and is delivered with internal cabling for connection to the terminal blocks for digital input (option) in the Intellinova System Unit.

Technical specifications

Power supply:	12 VDC
Power consumption:	0.3 W
Pulse frequency:	max. 100 kHz at 50% duty cycle
Pulse amplitude:	min. 2V
Input pulse:	low level –33 V to +2.5 V
	high level –22 V to +33 V
Amb. temperature:	0° to 60° C (no condensation)
Amb. humidity:	10% to 90% (operating)
Dimensions:	102 x 23 x 75 mm
Mounting:	DIN rail 35 mm

Main application



Buffered outputs on machine protection system

SPM Instrument AB • Box 504 • SE-645 25 Strängnäs • Sweden
Tel +46 152 22500 • Fax +46 152 15075 • info@spminstrument.se • www.spminstrument.com

Technical data are subject to change without notice.