

## Inductive Speed Controller



Speed monitoring

compact - inductive - AC/DC - 1-6000 Imp/min - non-contact - reliable

Compact inductive speed controller of Proxitron

Rotational speed monitoring is needed in many industries. Proxitron's inductive speed controller monitors machine speed including zero speed. Applications include conveyor belt continuity and worm gear operation to name a few.

The sensor switches when the speed is above or below the set point. The sensor including electronics is epoxied in a high quality M30 plastic case. An external controller is available from Proxitron but is not necessary. Cable in a variety of lengths and materials are available. A plug is as well.

The desired rotational speed can be quickly and easily saved with the Teach function. The Teach Function allows programming of 1 – 6,000 rpm and a start-up time delay of 1 – 120 seconds. These can also be set using an external controller.



Type Code

Type	IDL / IDLA*					
Switching distance 10 mm flush	010					
Switching distance 15 mm non flush	015					
20 - 260 V AC/DC	0					
10 - 30 V DC	2					
2-wire normally closed AC/DC	4					
2-wire normally open AC/DC	5					
PNP normally open + PNP normally closed	8					
Short circuit protection	G					
Cable						
Plug M12 DC	S4					
Plug M12 AC	S27					
Customer specific version	SA					

The programming device Proxibox ID1.0 is additionally available.

\* IDL: 1 switching point AC/DC 1-3000 Imp/min. DC 5-6000 Imp/min.  
IDLA: 2 switching points AC/DC 5-6000 Imp/min. DC 5-6000 Imp/min.



Proxitron Speed Controller

- Flush or non flush
- Different switching distances
- Several cables and kind of cables
- With Teach-In function
- Long service life
- Maintenance-free
- Easily programmable



Application example in the agriculture