# CAM LOGIC®

REV MONITORS
vast range, long-lasting

The CAMLOGIC SMD20 Digital Rev Monitor guarantees on-going supervision of the functional parameters of any rotating part of a machine.
If there is a mechanical breakdown, shutdown or a decrease in the machine's Rpm, the Rev Monitor can shutdown the entire system or generate an emergency signal by means of an output switch-over contact.

OPERATION
Once the operating revs have been set for the machine to be controlled, whenever the revs detected are equal to or higher than these settings, the switch-over contacts change and the LED is lit. If the revs are lower than the setting, the switching-contact break relay trips and the LED goes out. The rev monitor starts up with the relay energized for 10 seconds with the contacts in make and the LED lit.
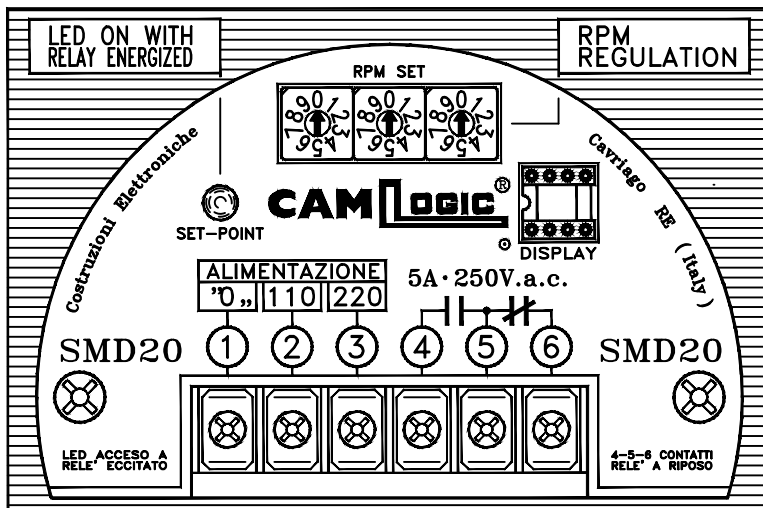
WIRING

1-2-3 = Power supply :
110-220 V. 50/60Hz.
24- 48 V. 50/60Hz.
24 V.d.c.

4-5 = N.O. contact
5A-220Va.c.

5-6 = N.C. contact
5A-220Va.c.

Electric max. draw 4 W to 220Va.c.

SPECIAL FEATURES

Die-cast aluminium casing.
Weight with bracket 1.7 Kg.
Operating field 1-2800 Rpm.
Temperature from -20 to +70 °C.
Speed detection by a mechanically coupled impulse generator.
Available with coupling fitting.
On request power supply at 24 V.d.c.

IP65 protection.
Stainless steel shaft mounted on ball bearings.

Versions for various installation needs.

Because of its proven safety and reliability the SMD20 Digital Rev Monitor is the ideal solution for every industrial needs.
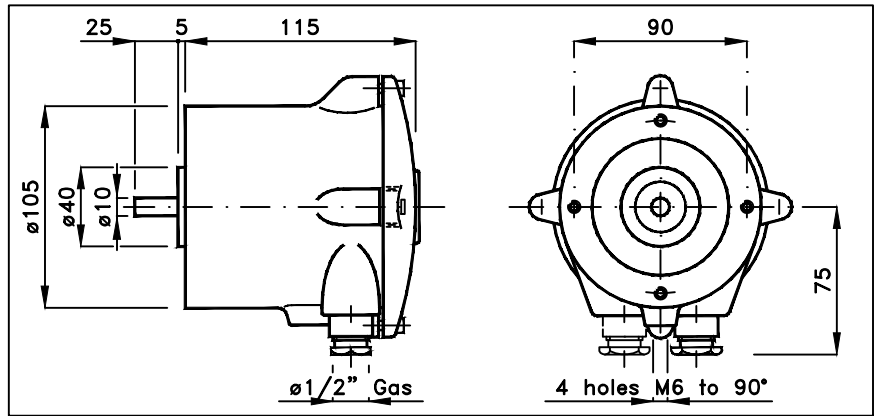
Ex *Certificate number TÜV 11 ATEX 386761 X*
Marking: II 2D Ex tD A21 IP65 T85°C
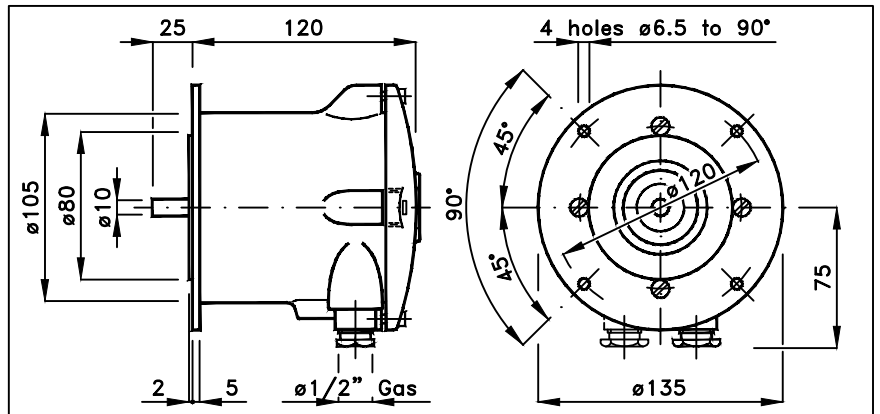
SMD20 DIGITAL REV MONITOR | D3956

TYPES OF INSTALLATION

CAMLOGIC Digital Rev Monitor
can be installed in any
position.
Once connected to the power
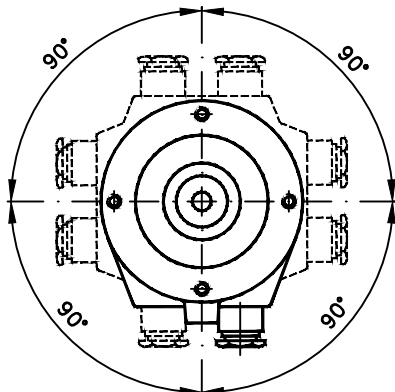supply terminal block, the
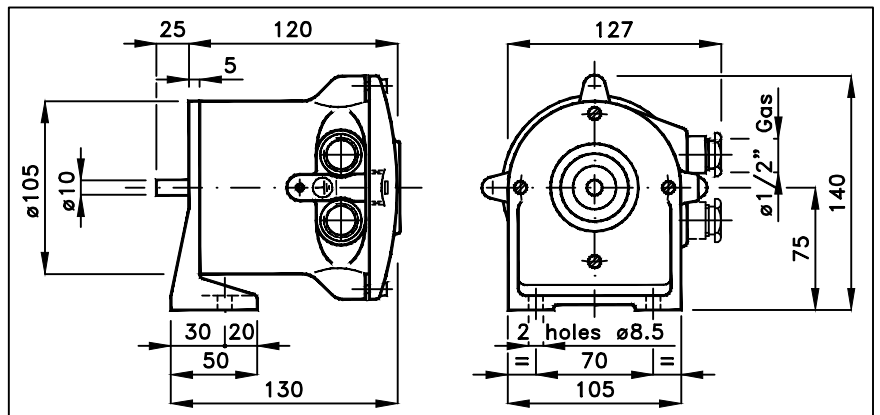units are completely
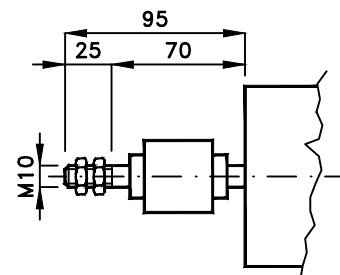maintenance free.

DIRECT INSTALLATION VERSION

FLANGED INSTALLATION

INSTALLATION WITH SUPPORT BRACKET

The Rev Monitor can be
assembled with cable input
turned at 90° intervals

COUPLING