

Geared limit switch

LMV

Mounting and operation instructions

General: The switch can be driven via a coupling, chain wheel or gear drive. The micro switches are actuated via cam discs independently adjustable. The cam discs are designed with 120° cam length, however, they can be shortened.

The following executions are available:

- LMVL for pedestal mounting
- LMVF with flange for direct mounting

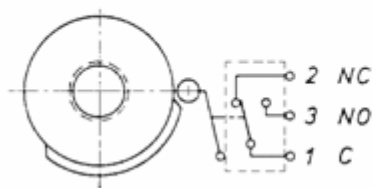
Electrical installation: The function of each switching elements terminal is printed on the switching element.

Adjustment: The coarse adjustment is being effected by adjusting each cam disc. Therefore loosen the cross-drilled nut of each corresponding cam disc with the attached pin. Adjust cam disc and tighten the nut. For fine adjustment there is a spring loaded setting screw locked by a jam nut, for each micro switch individual. Each cam can be shortened every 30° using a little hand held milling machine (Dremel or else).

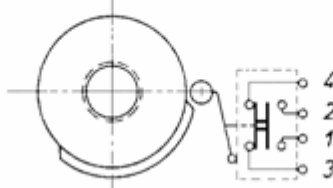
Maintenance: This multistep pre-limit switch is maintenance-free. The ball bearings as well as the drive are lifetime lubricated. No further lubrication is being needed.

Wiring diagrams (connections)

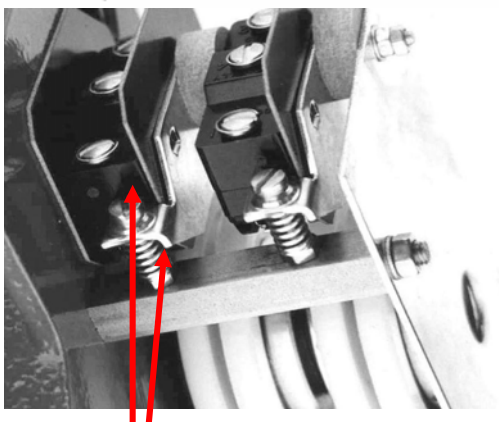
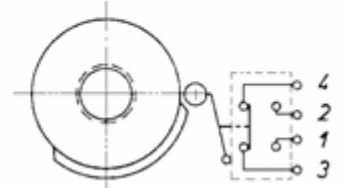
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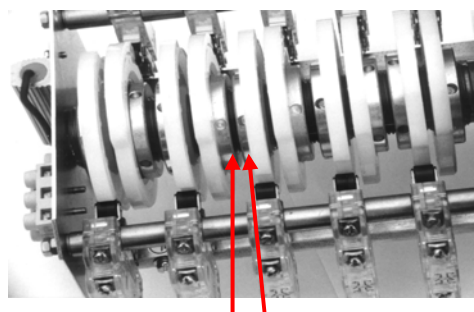
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Setting screw with jam nut
(view from below)



Cross drilled nuts