

Technical specifications

	Sensor SJ 3,5 -N-K37
Power supply (from pulse amplifier)	8 V DC, R_i approx. 1 k Ω (DIN 19234) C_i = 40 nF; L_i = 160 μ H
Change in current consumption on pulse	≤ 1 mA/ ≤ 3 mA (DIN 19234)
Permissible line impedance between pick-up and amplifier	$\leq 50 \Omega$ (DIN 19234)
Number of pulses per revolution of the drive	10 or 100
Phase position of the channels of the double pick-up	180° : 180° \pm 30° Electrically offset 90° \pm 30°
Duty factor	1 : 1 \pm 17%
Max. pulse frequency	3000 Hz
Pulse valence	Dependent on value per revolution of the drive of the respective meter
Permissible ambient temperature	-25 ... +100 °C (-13 ... +212 °F)
Degree of protection	IP43 to EN 60529 with register P65 to EN 60529 with protective cover This pulser has the EC-Type Examination Certificate PTB 99 ATEX 2219X.
Mounting position	Any
Weight approx.	1.2 kg (2.65 lb)
Ex approval	IIG EEx ia IIC T6

Selection and Ordering data

Order No.

Pulser with inductive pick-up

Weight approx. 1.2 kg (2.65 lb)

Single pick-up

- 10 pulses/revolution
- 100 pulses/revolution

7MV1105-1AA00
7MV1105-2AA00

Double pick-up¹⁾

(for custody transfer installations)

- 10 pulses/revolution
- 100 pulses/revolution

7MV1105-3AA01
7MV1105-4AA01

Instruction Manual

German/English

F) **C73000-B5174-C25**

¹⁾ Pulse channels electrically offset by 90°

F) Subject to export regulations AL: 91999, ECCN: N