



SHS55

CAMSHAFT SPEED SENSOR



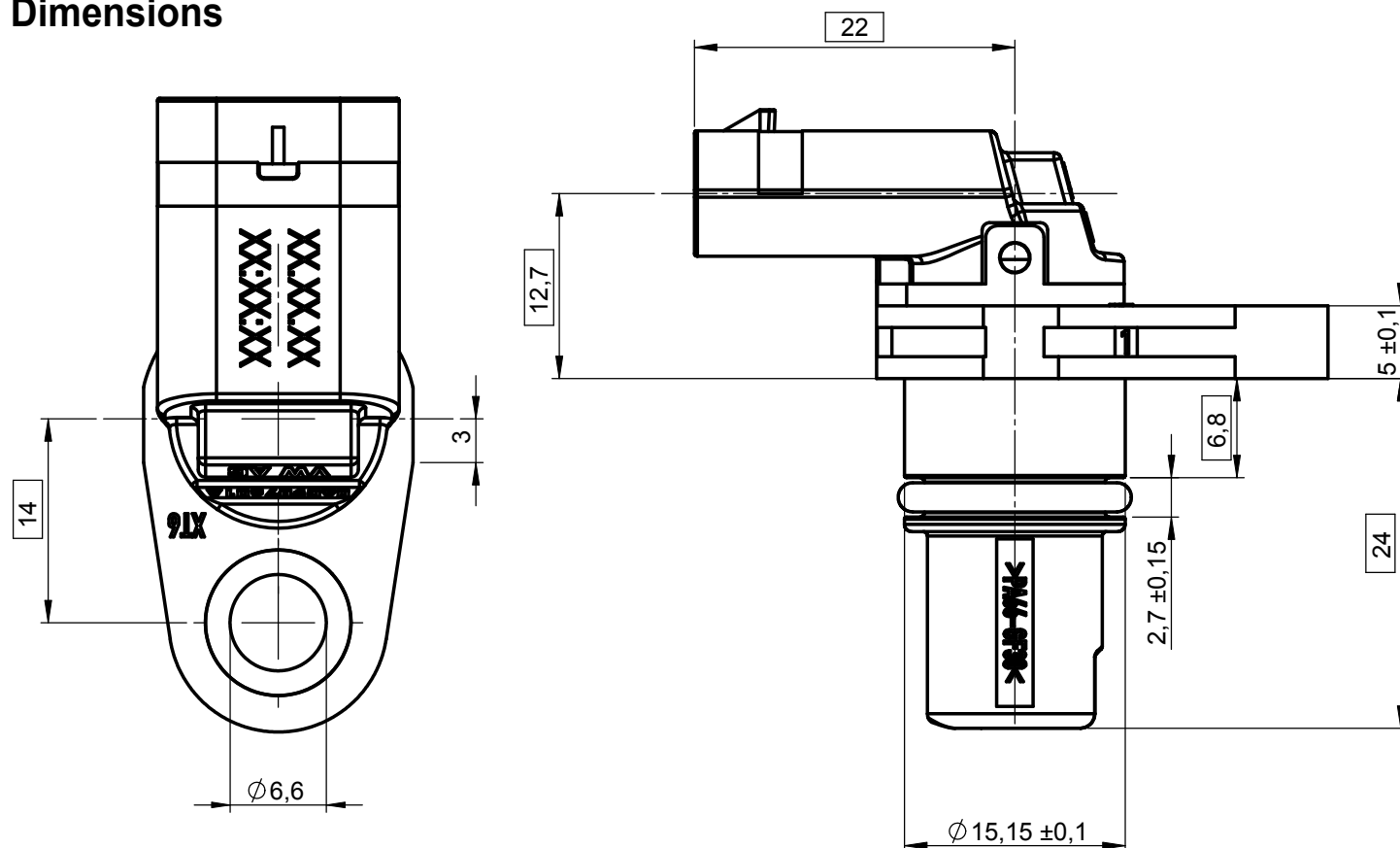
The sensor is suitable for speed sensing and location of cam with high resolution. Resistant to extreme operating conditions in engines.

Der Sensor eignet sich für Drehzahlerfassung und Lage der Cam mit hoher Auflösung. Beständig gegen extreme Einsatzbedingungen in Motoren.

Snímač je vhodný ke snímání otáček a polohy vačkového hřídele s vysokou rozlišovací schopností. Odolný vůči extrémním provozním podmínkám v motorech.

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Dimensions



Basic technical data:

Working air gap >	0,2 ÷ 1,5 mm
Working temperature >	-40°C ÷ 150°C
Speed range forward >	0 ÷ 4500 min ⁻¹
Supply voltage >	(5 ± 0,5) V
Phase delay TPO (falling edge)>	(-0,7 ^{+1/-8,1})° NQ /
Phase delay TPO (rising edge)>	(1,8 ^{+4,2/-1,2})°
Phase delay steady state (falling edge)>	(-0,7 ± 1)°
Phase delay steady state rising edge)>	(1,8 ± 1,2)°
Rising / falling edge time >	max 45 μs / max 5 μs
Output signal low>	max 0,5 V
Output signal high>	min 4,2 V
Supply current >	max 10 mA
Open collector current >	max 10 mA
Power on time >	max. 1 ms
Mounting >	with fixing screw M6
Degree of protection (IP code) >	IP6K9K
Connector >	1J0.900.962 - code I