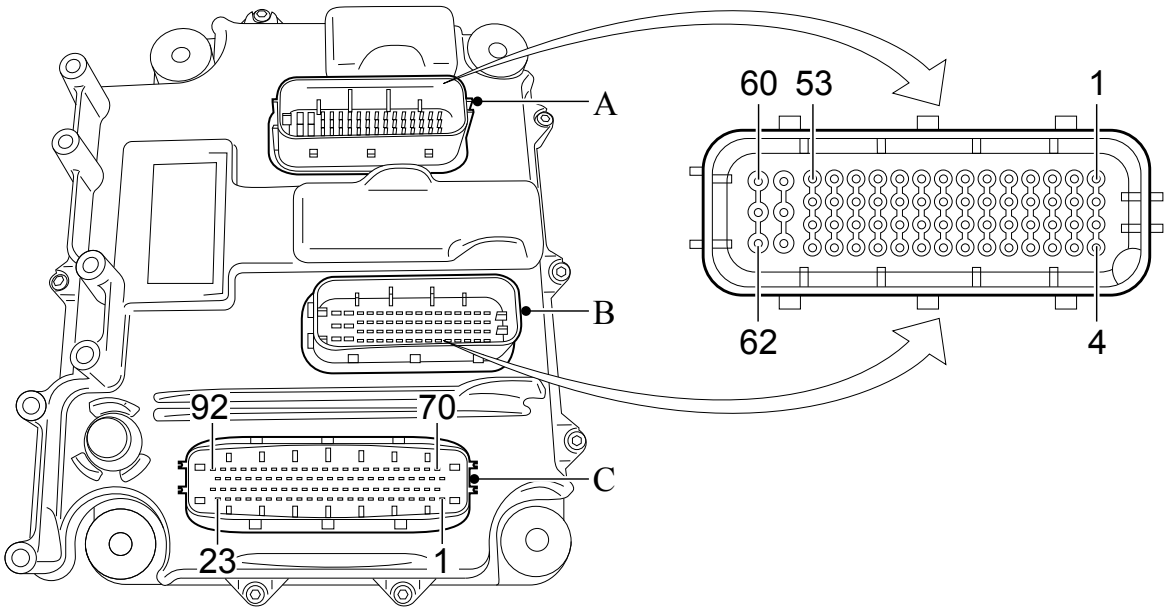
Sensor, crankshaft (F552)



I401565

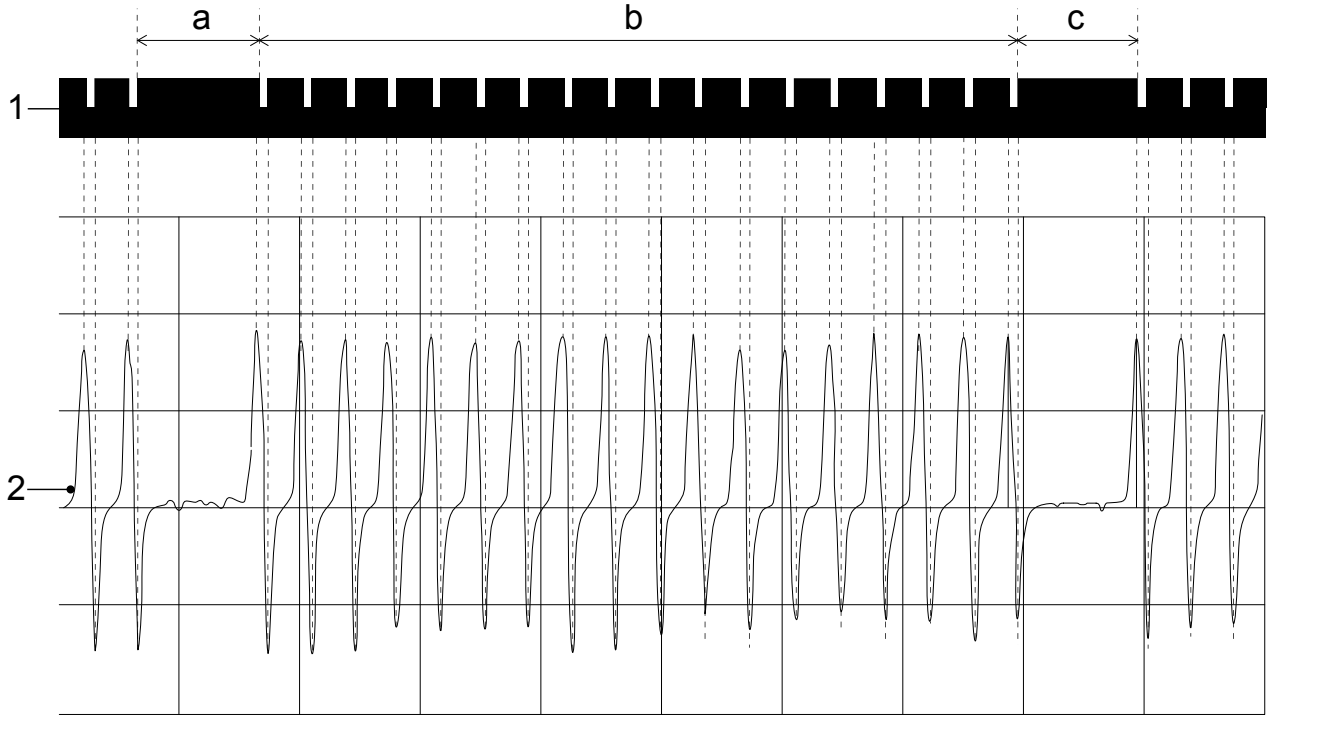
A	**Electronic unit connection point**
B	**Description of connection point**
C	**Reading at connection point (Vbat = battery voltage)**
D	**Measuring unit**
E	**Explanatory notes (if applicable)**
F	**'X' indicates that additional information is available in 'Technical data.'**

A	B	C	D	E	F
A55	Ground, crankshaft sensor (F552)	0	VDC		
A56	Crankshaft sensor (F552) input signal	-	Hz/(VAC)	Frequency depends on engine speed	X
A59	Crankshaft sensor (F552) shield signal	0	VDC		

Type	Inductive
Signal version	Sine-wave alternating voltage
Total number of pulses per crankshaft revolution	54
Number of cylinder detection pulses per crankshaft revolution	3
Effective voltage when starting	approximately 1.5 V(1)
Effective voltage when idling	approximately 4.9 V(1)
Effective voltage at 1200 rpm	approximately 8.0 V(1)

Resistance value	860 Ω ±10% at 68°F (20°C)(2)

(1) Measurements taken with multimeter in 'AC voltage' position (VAC).
(2) Measured at connection points 1 and 2 of the sensor.



1. Flywheel
a. Area with two holes missing
b. Segment with 18 holes
c. Area with two holes missing
2. Crankshaft sensor signal

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