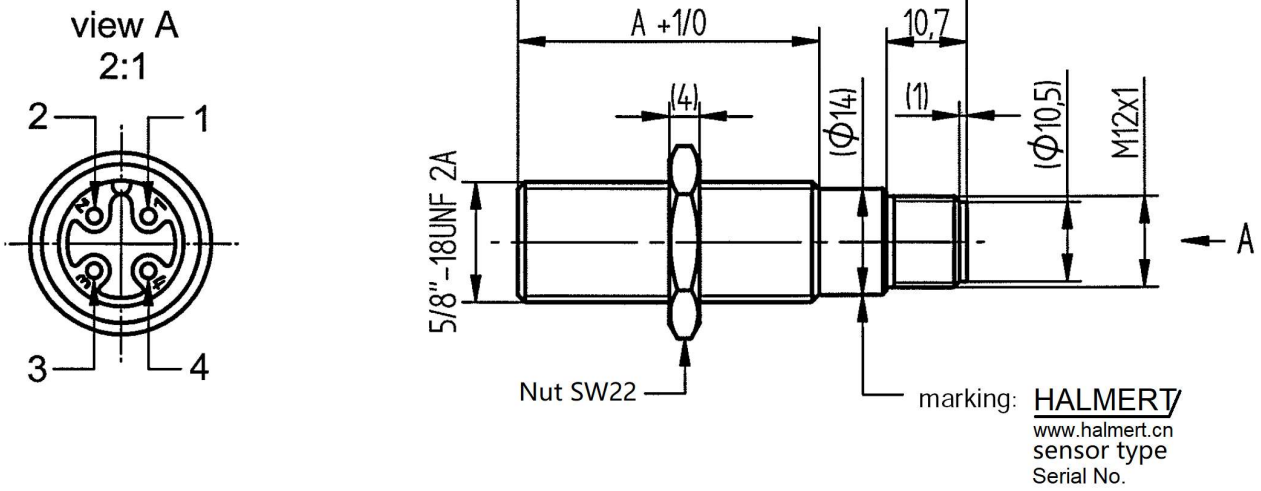
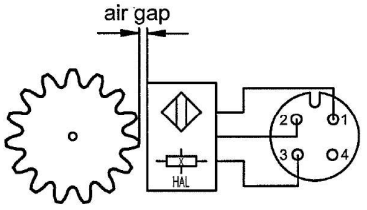


part no.	type	A	B
90268	F58A-H	40	59.7
90269	F58A25-H	64	83.7
90270	F58A40-H	102	121.1

schematic diagram



contact configuration:
1 +V
2 signal (⎍)
3 GND
4 not connected

Technical data

Supply voltage: 8...25 VDC

Current consumption: Max. 12 mA (without load)

Signal output: Square wave signal from NPN output transistor with internal 2.7 kOhm pull-up resistor, DC-coupled to supply (negative pole = reference Voltage).

- Sink current: max. 25 mA
- Output voltage:
  - U_{high} ~ supply voltage
  - U_{low} < 0.5 V at I = 25 mA

Frequency range: 0 Hz...15 kHz

Housing: 5/8"-18 UNF-2A, tightening torque: max. 35 Nm

Connection: Connector, M12x1 thread, 4 pins, black

Protection: Sensor head: IP68, Connector: IP67

Insulation: 500 V, 50 Hz, 1 min

Air gap:
- Module 1.0 (DP 25.4): 0.3...0.5 mm
- Module 2.0 (DP 12.7): 0.3...1.5 mm

Operating temperature: -40℃...125℃

PN.: xxx			Material:1.4305(housing)	Dimension mm	Copy right belong to HALMERT						
				Reference tolerance for undefined							
				Dimension range	>0.5 -6	>6 -30	>30 -120	>120 -400	>400 -1000	>1000 -2000	
				Tolerance±	0.1	0.2	0.3	0.5	0.8	1.2	
				Others No	Draw: HZ	Draw date: 15.05.21					
Rev.	Date	Sign.			Check: SZ	Check date: 15.05.21					
PART NAME Speed Sensor F58A xx			HALMERT www.halmert.cn	Rate: 3:2	Approve: VY	Approve date: 16.05.21					
				Format	Status	Doc. No.		Version			
				A4	Approved	90268-01		Rev.01			