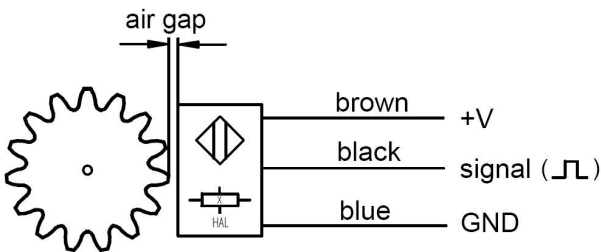


part no.	type	A	B
90265	F58S-H	50	60
90266	F58S25-H	64	74
90267	F58S40-H	102	112

connecting diagram



## 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:
  - $U_{high} \sim$  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 : Cable outlet

Protection : Sensor head: IP68

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 : Sensor head: -40°C...125°C

Cable: -25°C... 85°C

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: 16.05.21				
Rev.	Date	Sign.				Check: SZ	Check date: 16.05.21				
PART NAME					Rate: 3:2	Approve: VY	Approve date: 17.05.21				
Speed Sensor					Format	Status	Doc. No.		Version		
F58S xx			HALMERT/ www.halmert.cn		A4	Approved	90265-01		Rev.01		