Proximity Magnetic Sensors
Cylindrical Housing
Pick up Sensors

CARLO GAVAZZI



- **Cylindrical nylon with 30% glass fibre (not self extinguishing) housing**
- **External diameter M20**
- **Pulse output function**
- **Protection degree IP65**

Product Description

The PA2PKF sensors are suitable for applications where gear speed-taking is requested.
They do not need power supply but they place two connectorized output poles at user disposal.

Every time the ferromagnetic actuator moves in proximity of the sensor head, a voltage pulse is produced at the pole terminals.

Ordering Key

P A2PK F45T60

Type
Contact type
Housing

Type Selection

Housing diameter	Connection	Output function	Reference
M20	AMP connector SUPERSEAL 1.5 type, 2 poles	Pulse	**P A2PK F45T60**
M20	AMP connector SUPERSEAL 1.5 type, 2 poles	Pulse	**P A2PK F45T70**
M20	AMP connector SUPERSEAL 1.5 type, 2 poles	Pulse	**P A2PK F45T107**

Diameters are specified in millimeters (mm)

Output Specifications

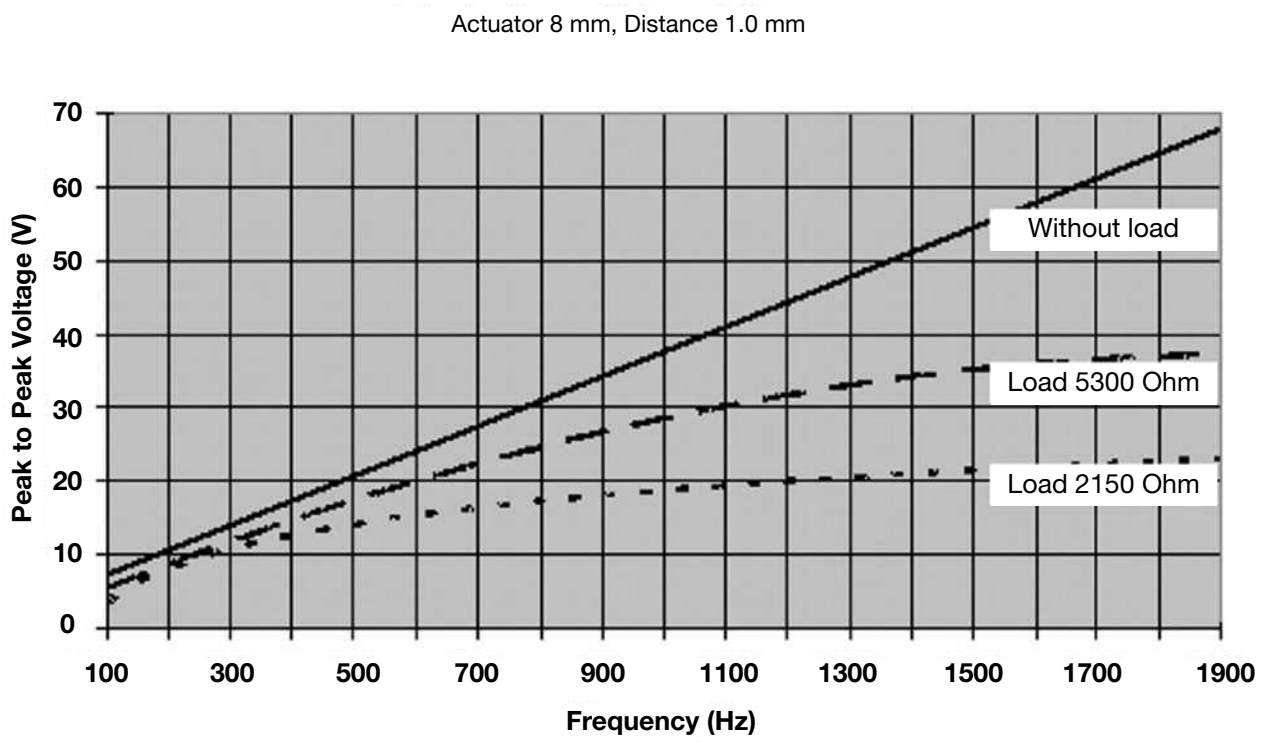
Output	Pulse
Cable length (C)	
PA2PKF45T60, PA2PKF45T70	400 mm
PA2PKF45T107	385 mm

General Specifications

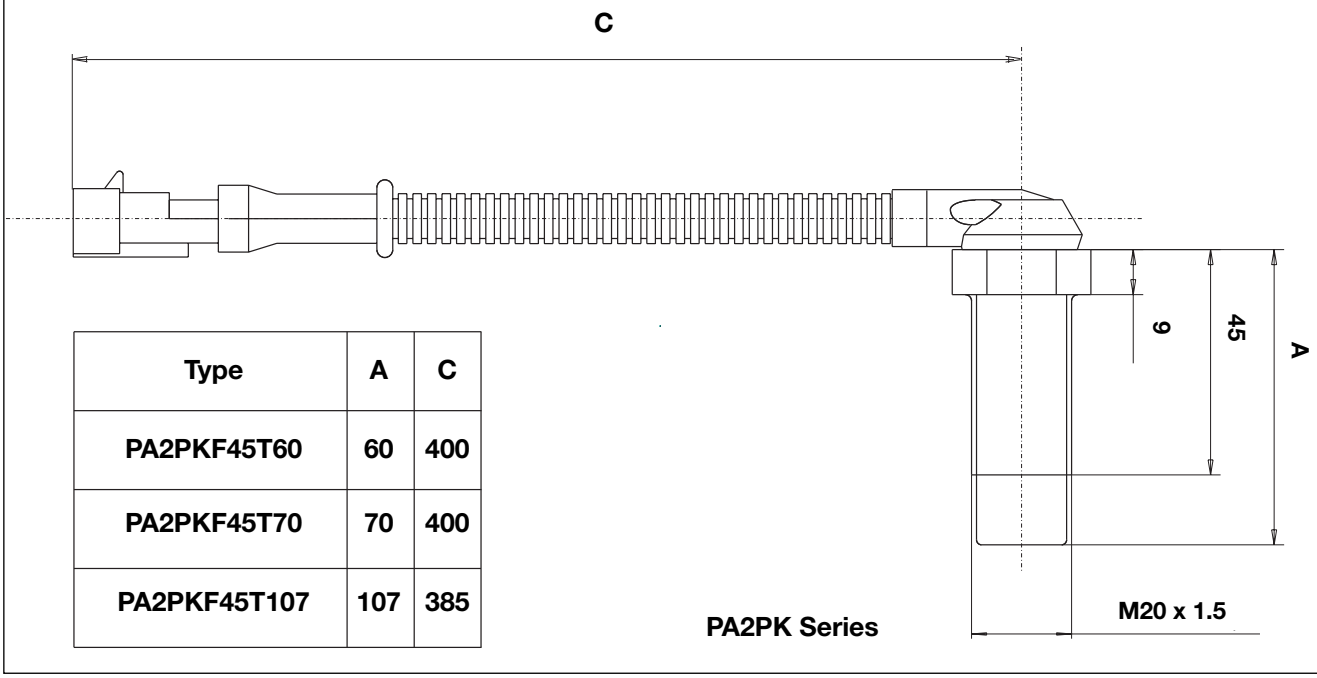
Operating temperature	-40 to +130 °C
Degree of protection	IP 65
Housing	
Diameter	M20 x 1.5 mm
Material	Nylon with 30% glass fibre (not self extinguishing)
Lenght (A)	
PA2PKF45T60	60 mm
PA2PKF45T70	70 mm
PA2PKF45T107	107 mm
Resistance	265 ± 15W
Inductance	240 mH (@ 1KHz)
Operating frequency	>100Hz (output voltage ≥1 Vpp @ load ≥2.2 KW)
Operating distance	< 2 mm
Target diameter	≥ 5 mm
CE-marking	Yes

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Output level



Dimensions



Type	A	C
PA2PKF45T60	60	400
PA2PKF45T70	70	400
PA2PKF45T107	107	385

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