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Sensors Platform
Germano Negri



P series sensor improvement: from IP67 to IP69K

Improved ingress protection for SPKT00P* part numbers from IP67 to IP69K**

Dear Colleagues,

This is to announce that for the P series pressure sensors, part numbers SPKT00**P*, the ingress protection rating has increased from IP67 to IP69K.

The sensors are identifiable by the protective resin applied to the base of the Packard connector, and by the serial number on the body of the casing, higher than 2207009353.

IP69K version - resin applied to the base of the Packard connector



The following part numbers are affected:

P/N	Description
SPKT0013P0	-1 to 9.3 BARG (-15 to 135 PSIG) single pack
SPKT0013P1	-1 to 9.3 BARG (-15 to 135 PSIG) multiple pack
SPKT0013P3	-1 to 9.3 BARG (-15 to 135 PSIG) distribution pack
SPKT0033P0	0 to 34.5 BARG (0 to 500 PSIG) single pack
SPKT0033P0B	0 to 34.5 BARG (0 to 500 PSIG) single pack
SPKT0033P1	0 to 34.5 BARG (0 to 500 PSIG) multiple pack
SPKT0033P3	0 to 34.5 BARG (0 to 500 PSIG) distribution pack
SPKT0043P0	0 to 17.3 BARG (0 to 250 PSIG) single pack
SPKT0043P0G	0 to 17.3 BARG (0 to 250 PSIG) single pack
SPKT0043P1	0 to 17.3 BARG (0 to 250 PSIG) multiple pack
SPKT0053P0	-1 to 4.2 BARG (-15 to 60 PSIG) single pack
SPKT0053P1	-1 to 4.2 BARG (-15 to 60 PSIG) multiple pack
SPKT00B6P0	0 to 45 BARG (0 to 650 PSIG) single pack

SPKT00B6P0R	0 to 45 BARG (0 to 650 PSIG) single pack
SPKT00B6P1	0 to 45 BARG (0 to 650 PSIG) multiple pack
SPKT00B6P3	0 to 45 BARG (0 to 650 PSIG) distribution pack
SPKT00E3P0	-1 to 12.8 BARG (-15 to 185 PSIG) single pack
SPKT00E3P1	-1 to 12.8 BARG (-15 to 185 PSIG) multiple pack
SPKT00F3P0	0 to 20.7 BARG (0 to 300 PSIG) single pack
SPKT00F3P1	0 to 20.7 BARG (0 to 300 PSIG) multiple pack

P/Ns SPKT01P*
IP69K will be
phased out**

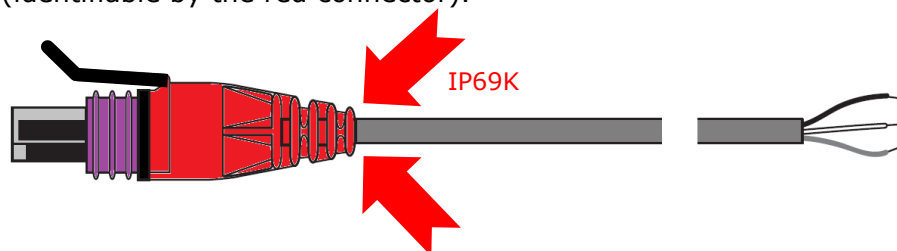
The current SPKT01*P* part numbers with IP69K ingress protection will be phased out and will be available until stocks last. The following part numbers are affected:

P/N	Description
SPKT0113P0	-1 to 9.3 BARG (-15 to 135 PSIG) single pack
SPKT0133P0	0 to 34.5 BARG (0 to 500 PSIG) single pack
SPKT0143P0	0 to 17.3 BARG (0 to 250 PSIG) single pack
SPKT0153P0	-1 to 4.2 BARG (-15 to 60 PSIG) single pack
SPKT01B6P0	0 to 45 BARG (0 to 650 PSIG) single pack
SPKT01E3P0	-1 to 12.8 BARG (-15 to 185 PSIG) single pack
SPKT01F3P0	0 to 20.7 BARG (0 to 300 PSIG) single pack

When stocks run out, all future orders received for SPKT01*P* part numbers will be converted to the equivalent SPKT00**P*

**IP69K ingress
protection.**

For applications where total IP69K protection index is required, the die-cast connector with cable must be connected in combination with the sensor, which guarantees the IP69K protection (identifiable by the red connector).



The part numbers of the cables available in multiple packs of 10 pcs are:

Part numbers	Description
SPKC002321	2 m cable length
SPKC005321	5 m cable length
SPKC00A321	12 m cable length

All the products are already available for sale. The updated technical document +030220975 will be available on carel.com by July 2023

Kindly forward this information to all your colleagues and the CAREL sales network. Please do not hesitate to contact me for any further information. Best regards

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