

➤ COMPATIBILITY WITH FORMER SERIES

DATA SENSING
easing automation challenges

S5N SERIES

PHOTOELECTRIC
TUBULAR M18 SENSORS



GENERAL PERFORMANCE

The Datalogic S5N new sensor line is an electronic re-engineering of the former family. The product mechanics have not been modified and it is the same in terms of material, dimensions and mounting as the former S50, S51, S15 and S5 product lines.

The optoelectronic elements are the same as the former families. The product connectivity is available with the same connector style and has not been changed. This means the detection characteristics of the new models are identical to the former ones.

The S5N background suppressor (M03) and fixed focus (D00) models have been improved in terms of detection capabilities. This might have some effects on existing specific applications therefore Datalogic recommends performing some testing in the field.

OUTPUT STAGE

The product re-engineering has introduced the new Datalogic ASIC which is different from the chipset used in the former family. Existing special applications currently not fulfilling product connectivity specifications might experience technical issues, therefore Datalogic recommends to respect sensor connectivity requirements.

New S50, S51 and S15 products all have the same output characteristics of the current models, whereas, S5 has the same former discrete electronic output stage with the exception of the fixed focus model (D00) that has the new output stage.

Migration of S51 through-beam (FG) to new S5N

The through-beam (FG) models migrated to the new S5N family are not compatible with the former ones. The change has been made to improve electric immunity and to avoid mistakes in product selection.

In order to allow a smooth transition to the new S5N, S51 through-beam part numbers will be available for a longer period of time.