sortimat
better. innovative. faster.

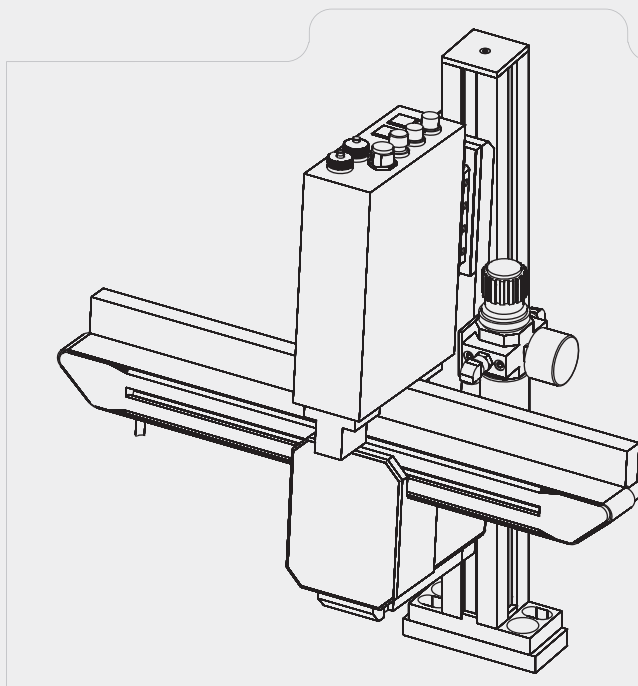# ■ sortimat SMIK integrated vision systems

technical data ⓘ

■ Bowl, step and drum feeders with **sortimat SMIK integrated vision systems** are the answer to any challenging task. In other words, whenever products with complicated designs or multiple variants have to be sorted. The integrated linear-array cameras recognize the orientation and shape of individual components that cannot be sorted mechanically, and send a signal to the controller to ensure they are handled accordingly.

SMIK vision systems reliably and fully automatically decide which route each individual part follows: Only correctly oriented parts are released for downstream tasks. Incorrectly oriented parts are automatically returned to the sorting process, and unsuitable parts are ejected from the feeder. These smart solutions eliminate the need for retooling when switching between product types.

Benefits: ■ Saves time and costs ■ Straightforward programming thanks to teach-in function ■ Optional capture of data for quality assurance ■ High speed/throughput

■ Linear-array camera

Light source	Backlit laser strip
Recognition	0.1 mm and greater
Programming	Teach-in method
Storable programs	Up to 48 types of part
Conveyor drive type	DC servo motor
Belt length	300 mm in 100 mm array
Belt speed	400 mm per second
Protection rating	IP54

sortimat SMIK – the integrated vision system for bowl, step, and drum feeders

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