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DATA SHEET

DWS Dynamic Smalls

DWS Dynamic
Track and trace systems

SICK
Sensor Intelligence



TRACK AND TRACE SYSTEMS

DWS Dynamic Smalls

ORDERING INFORMATION

Type	part no.
DWS Dynamic Smalls	On request

Further device versions and accessories at www.sick.com/DWS_Dynamic

DETAILED TECHNICAL DATA

FEATURES

Products by tasks	Measuring - Dimension, contour and volume Measuring - Weight Identifying - 1D code Identifying - 2D code
Identification of objects	Integrated track and trace identification system (individualized according to requirements) CLV Identification System Lector Identification System ICR System
Object dimensioning	VMS4x00/5x00 VMS6x00/7x00 (optional) VML
Scale type	Single scale Double scale
Object infeed and outfeed	Automatic Semi-automatic Manual

PERFORMANCE

Code types	1D 2D RFID PDF417 Aztec 4-state Maxi-Code
Transport speed	≤ 2 m/s
Minimum object size (L/W/H)	50 mm x 50 mm x 20 mm
Maximum object size (L/W/H)	410 mm x 410 mm x 200 mm
Throughput	12,000 pph (depending on speed and distribution of object lengths)
Accuracy of scale	e = 2 g/e = 5 g (depending on application)
Allowed weight for legal-for-trade weighing	0,01 kg ... 15 kg
Certification	MID, OIML

	NTEP on request
Authorizations	Legal-for-trade approvals, OIML R 129, OIML R 51-1, Measuring Instruments Directive 2004/22/EG (MID)
Side-by-side	✓
Touching objects	✓

AMBIENT DATA

Ambient operating temperature	–10 °C ... +50 °C
Ambient temperature, storage	–20 °C ... +70 °C
Permissible relative humidity	95 %, Non-condensing

GENERAL NOTES

Items supplied	Identification, dimensioning and weighing technology including mechanical frames User interfaces (electrical, mechanical, data transfer) Infeeds / outfeeds on request Additional functions & features (e.g. 2D / 3D Vision Solutions) on request

Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/DWS Dynamic

SICK AG
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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions

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