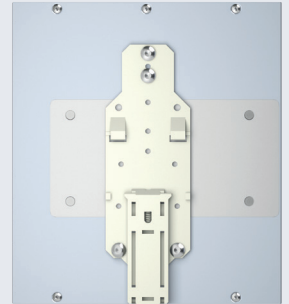
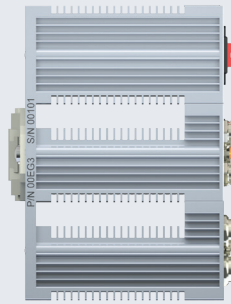
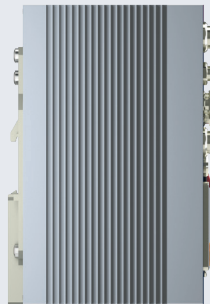


TECHNICAL DATA SHEET

eddyguard neo S



NDT Technology



PARAMETER		SORT	UNIVERSAL	Ai-ADVANCED
PRODUCT INFO		for basic and reliable sorting applications	for standard sorting requiring speed, iPMFT, iSHA and additional ibg features	for single position prediction of hardness (surface & depth) for defined part families
Application Type				
Mounting Type	TH35 (DIN EN 60715)	●	●	●
Dimensions LxWxH*	190x165x143 mm	●	●	●
TEST PERFORMANCE				
Test Channels	1	●	●	●
Test Positions	1	●	●	●
Stations	1	●	●	●
Display of multiple stations	up to 25	●	●	●
Frequency Range	2 Hz - 3 MHz	●	●	●
iSHA Harmonics	2 Harmonics (2nd-9th)	—	●	●
iPMFT Frequencies	Frequencies	4 (Limited)	8	8
Parts per min	p/min	240	720	720
Part type switchover time	sec/part	10	5	5
Number of Part types		50	100	100
Number of Reference parts max.	300	●	●	●
Number of historical results	1000	●	●	●
Autostart		●	●	●
Additional Tagging		●	●	● hardness values
KEY TECHNOLOGIES				
iPMFT (Multi-Frequency)		(Limited)	●	●
Good-Part-Only Calibration		●	●	●
Ai Prediction	Case depth & surface hardness	—	—	●
Sensor detection with automated frequency and level selection		●	●	●

PARAMETER		SORT	UNIVERSAL	Ai-ADVANCED
INTERFACE & AUTOMATION				
Network	Ethernet (LAN)	●	●	●
Communication Protocols	Ethernet/IP	●	●	●
HMI connections		1	2	2
Part Type Storage		50	100	100
Digital I/O	32 Inputs / 32 Outputs	●	●	●
I/O Isolation	Optical isolation	●	●	●
I/O Voltage	24 VDC	●	●	●
Industrial LAN	EtherCAT	● *	● *	● *
Languages	EN, DE**	●	●	●
PROBES & SENSORS				
Compatible Coils	Universal (All ibg)	●	●	●
Probe Connection	Push-Pull (Gen 2)	●	●	●
Probe Inputs	1	●	●	●
Backward Compatibility ***		●	●	●
Adapter for legacy Sensors	optional	●	●	●
PHYSICAL				
IP Rating	IP64	●	●	●
Supply Voltage	100-240V 50/60Hz	●	●	●
Power Consumption	50W	●	●	●
Input Current	0.5A	●	●	●
AMBIENT CONDITIONS				
Operating Temperature	0°C - 45°C	●	●	●
Storage Temperature	-20°C - 50°C	●	●	●
Humidity Range	≤ 85% (non-condensing)	●	●	●
Operating Altitude	2000m max	●	●	●
STANDARDS & CERTIFICATIONS				
CE Marking		●	●	●
ISO 15549 (Eddy Current)		●	●	●
RoHS compliance		●	●	●

* Available 2026 (via update) / ** more languages in development / *** only with separately available adapter