NDT INTERNATIONAL, INC.

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QNix ***4200/4500***

Technical Data

Substrate: QNix 4200 for Steel or Iron
QNix 4500 for Steel, Iron AND non-magnetic Metals such as aluminum, stainless steel, zinc, copper, brass

Minimum Object Size:
Fe 0.4" x 0.4" (10 x 10 mm')
NFe: 0.24" x 0.24" (6 x 6 mm')

Minimum Curvature: Convex: 0.02" (5 mm)
Concave: 1" (30 mm)

Minimum Substrate Thickness:
Fe: 8 mil (.20 mm)
NFe: 2 mil (0.0.55 mm)

Measuring Range:
Fe: 0.00 - 120 mil or 0 - 2999 µm
NFe: 0.00 - 80 mil or 0 - 1999 µm

Resolution: 1µm
0.01 mil up to 9.99 mil
0.1 mil from 10 to 80 mil

Accuracy:
+/- (0.08 mil + 3%)
+/- (2 µm + 3%)

Temperature Range:
Storage 14°F to 140°F (-10°C to 60°C)
Operating 32°F to 140°F (0°C to 60°C)

Probe: One-point

Power Supply: 2 AA alkaline batteries

Dimensions: 3.9" x 2.4" x 1.1" (100 x 62 x 27 mm)

Weight: 3.5 oz. (100 g.) including batteries

Technical data subject to change without prior notice

The QNix 4200/4500 complies with national and international (DIN, ISO, BS, ASTM) standards and regulations:

DIN 50981, 50984
ISO 2178, 2360, 2808
BS 5411 (3, 11), 3900 (C, 5)
ASTM B499, D 1400, D 1186

from ***AUTOMATION Dr.NIX***

Benefits

No calibration required

Automatic on/off switch

Precision & accuracy for complete measurement range

Hall effect technology for measurements in the heat and cold or even over a wet vehicle surface.

Measurements over steel (QNix 4200) or steel and aluminum, stainless, zinc, copper, brass (QNix 4500)

Compact, rugged, and robust

Audible signal confirms measurement

Readings in both mils and µm (microns) selectable

One hand operation for all applications

Durable integrated ruby sensor

Low battery indicator warning

Measuring range 0-40 mils and 0-999 microns

Substrate indicator