Garant

Radio 3D edge finder, digital, with contact point (Ø 4 mm) XTOUCH, Spherical point Ø: 4mm



Order data

Order number	359450 4
GTIN	4062406370602
Item class	310

Description

Version:

- Possibility to transfer the measured values in combination with GARANT Xconnect No. 359455 1.
- Suitable only for Siemens and Heidenhain controllers. The machine requires a functioning USB port on the control panel.
- High accuracy and linearity. For fully automatic determination of component zeropoints, measurement of lengths, bore centres, reference edges and axial alignment.
- · Convenient and simple concentricity adjustment.
- · Large working range in all directions (x, y, z = 7 mm).
- · Compact metal body.
- Dust-tight and watertight = IP67.
- Predetermined breaking point.
- · Simple menu navigation.
- · Quick commissioning without hardware changeover and service engineer use.
- · No need to interfere with the machine tool operating system!
- Minimisation of rejects.

Function:



IP67: Protected against intermittent immersion in water and protected against penetration by dust (dust-tight), also completely protected against touching.

Application:

Automatic transmission of the measured values into the machine control by GARANT Xconnect No. 359455 1.

For fully automatic determination of component zero-points, measurement of lengths, bore centres, reference edges and axial alignment. Manual operation without wireless transmission (without XCONNECT) is also possible.

Supplied with:

Supplied with battery CR2 and contact point No. 359505 size 4.

Optional extras:

XCONNECT data memory stick No. 359455 1.

Note:

Suitable contact point No. 359505 4. The item is permanently installed on a machine and can only be used on another machine through another cycle request.

Technical description

Displacement travel x, y, z respectively7 mmShank Ø16 mmBody width67 mmMeasuring accuracy< 0.01 mmOverall length (body and contact point)134 mmSpare contact point359505 4Scale divisions0.005 mmBody depth39 mmPower supplyBattery-poweredIP Index of ProtectionIP 67Adjustment travel±0.4 mmNumber of batteries contained1free length contact point40 mmBody length82 mmWeight0.52 kgSeriesXTOUCH	Battery type	Button cell
Body width 67 mm Measuring accuracy < 0.01 mm Overall length (body and contact point) 134 mm Spare contact point 359505 4 Scale divisions 0.005 mm Body depth 39 mm Power supply Battery-powered IP Index of Protection IP 67 Adjustment travel ±0.4 mm Number of batteries contained 1 free length contact point 40 mm Body length 82 mm Weight 0.52 kg	Displacement travel x, y, z respectively	7 mm
Measuring accuracy< 0.01 mmOverall length (body and contact point)134 mmSpare contact point359505 4Scale divisions0.005 mmBody depth39 mmPower supplyBattery-poweredIP Index of ProtectionIP 67Adjustment travel±0.4 mmNumber of batteries contained1free length contact point40 mmBody length82 mmWeight0.52 kg	Shank Ø	16 mm
Overall length (body and contact point) Spare contact point Scale divisions Body depth Power supply Battery-powered IP Index of Protection Adjustment travel Number of batteries contained free length contact point Body length Weight 134 mm 359505 4 30.005 mm Battery-powered IP 67 40 mm Battery-powered 1 1 1 1 1 1 1 1 1 1 1 1 1	Body width	67 mm
Spare contact point359505 4Scale divisions0.005 mmBody depth39 mmPower supplyBattery-poweredIP Index of ProtectionIP 67Adjustment travel±0.4 mmNumber of batteries contained1free length contact point40 mmBody length82 mmWeight0.52 kg	Measuring accuracy	< 0.01 mm
Scale divisions 0.005 mm Body depth 39 mm Power supply Battery-powered IP Index of Protection IP 67 Adjustment travel **L0.4 mm Number of batteries contained 1 free length contact point Body length Weight 0.52 kg	Overall length (body and contact point)	134 mm
Body depth 39 mm Power supply Battery-powered IP Index of Protection IP 67 Adjustment travel ±0.4 mm Number of batteries contained 1 free length contact point 40 mm Body length 82 mm Weight 0.52 kg	Spare contact point	359505 4
Power supply IP Index of Protection IP 67 Adjustment travel Number of batteries contained free length contact point Body length Weight Battery-powered IP 67 ±0.4 mm 40 mm 82 mm 0.52 kg	Scale divisions	0.005 mm
IP Index of Protection Adjustment travel Number of batteries contained free length contact point Body length Weight IP 67 ±0.4 mm 40 mm 82 mm 0.52 kg	Body depth	39 mm
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Number of batteries contained 1 free length contact point 40 mm Body length 82 mm Weight 0.52 kg	IP Index of Protection	IP 67
free length contact point 40 mm Body length 82 mm Weight 0.52 kg	Adjustment travel	±0.4 mm
Body length 82 mm Weight 0.52 kg	Number of batteries contained	1
Weight 0.52 kg	free length contact point	40 mm
-	Body length	82 mm
Series XTOUCH	Weight	0.52 kg
	Series	XTOUCH

Data sheet



Type of product	Probes
Accessories	
Contact point for 3D edge finder Spherical point Ø D 4 mm	n 359505 4