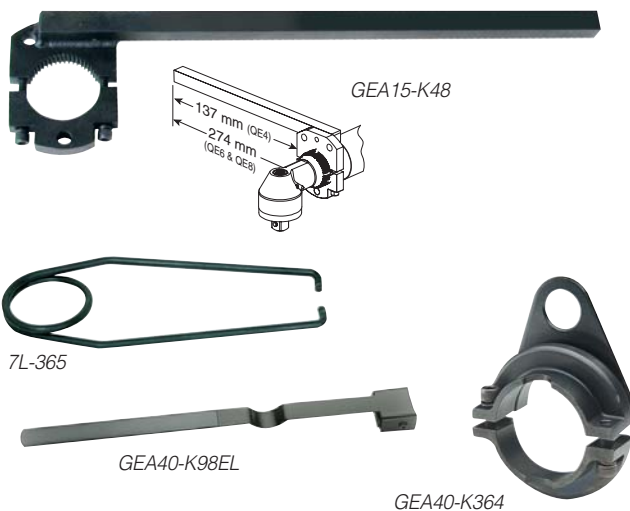




Accessories for QE and QM Electric Screwdrivers
Accessoires pour Visseuses Electriques QE et QM
Zubehör für QE/QM Schrauber
Accesorios para Atornilladores Eléctricos QE y QM
Accessori per Cacciaviti Elettrici QE e QM

QE

Accessories for QE Screwdrivers
 Accessoires pour Visseuses QE
 Zubehör für QE-Schrauber
 Accesorios para Atornilladores QE
 Accessori per Cacciaviti QE



QE & QM

Accessories for QE and QM Screwdrivers
 Accessoires pour Visseuses QE et QM
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 Accesorios para Atornilladores QE y QM
 Accessori per Cacciaviti QE e QM



Short lever kit Levier de cde. court Kurzer Starthebel Kit de palanca corta Kit leva corta		GEA40-M98SL
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Extended lever kit Levier de cde. long Verlängerungshebel Palanca prolongada Leva prolongata		GEA40-K98EL
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Reaction bar kit* Barre anti-réaction* Reaktionsstab* Kit de barra de reacción* Kit barra di reazione*	QE4 Series: GEA15-K48 QE4TS Series: GEPTS15-K48 QE6 & QE8: DEA120-K48
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Swivel hanger Anse de suspension rotative Drehbare Aufhängevorrichtung Soporte de suspensión giratorio Anello di sospensione girevole	QE4 Series: 129851 QE6 & QE8: GEA40-K364
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Suspension bail Anneau de suspension Aufhänger Gancho de suspensión Dispositivo di sospensione	7L-365
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Standard tool cable Câble d'alimentation standard Standard-Werkzeugkabel Cable de herramienta estándar Cavo di alimentazione standard	L = 3 m: GEA40-CORD-3M L = 6 m: GEA40-CORD-6M L = 10 m: GEA40-CORD-10M
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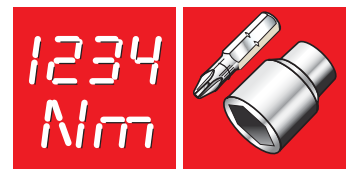
90° tool cable Câble d'alimentation 90° 90°-Werkzeugkabel Cable de herramienta de 90° Cavo alimentazione 90°	L = 3 m: GEA40-CORD-3M-90 L = 6 m: GEA40-CORD-6M-90 L = 10 m: GEA40-CORD-10M-90
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Tool extension cables Rallonges de câble d'alim. WerkzeugkabelVerlängerung Cables de prolongación Prolunghe cavo di alimentazione	L = 10 m: GEA40-EXT-10M L = 20 m: GEA40-EXT-20M L = 40 m: GEA40-EXT-40M
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Square mounting plate* Plaque de montage cannelée* Geriffelte Montageplatte* Soporte de montaje estriada* Piastra di montaggio scanalata*	QE4 Series: GEA4-K48 QE6 & QE8: DAM120-K48
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Flanged mounting plate* Bride de montage cannelée* Flanschbefestigung* Brida de soporte estriada* Flangia di montaggio scanalata*	QE4 Series: 15EA-K48 QE6 & QE8: GEM120-K48
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* Require short coupling nut, ref. DAA4-27
 * Necessite l'ajout d'un écrou court, réf. DAA4-27
 * Erfordert kurze Überwurfmutter DAA4-27
 * Necessita tuerca de conexión corta DAA4-27
 * Richiede dado corto DAA4-27



Insight IC1Graphics — Insight IC1Display – Insight IC1Module

Accessories
 Accessoires
 Zubehör
 Accesorios
 Accessori

Socket tray Boîte à douilles Steckschlüsselmodul Bandeja de bocas Vassoio porta bussole	4 positions: IC-SOCKET-4 8 positions: IC-SOCKET-8
Remote selector switch Sélecteur de mode à distance Entfernt montierter Wählschalter Interruptor selector a distancia Interruttore di selezione remoto	4 positions: IC-SELECT-4 8 positions: IC-SELECT-8
Emergency stop button Bouton d'arrêt d'urgence Notausschalter Pulsador de parada de emergencia Pulsante di emergenza	IC-ESTOP
Signal tower, type LCE-FB Tour de signalisation, type LCE-FB Signalturn, Typ LCE-FB "Signal tower", tipo LCE-FB "Signal tower", tipo LCE-FB	LCE-FB
Communication hubs Hub réseau Schnittstellen- Hubs Hub de comunicación Porta comunicazione hubs	Industrial-duty 5-ports switch IC-SW-5 Industrial-duty 16-ports switch IC-SW-165 IP67 sealed 5-ports switch IC-SWS-5 IP67 sealed 16-ports switch IC-SWS-16
Reset station Poste de remise à zéro Rückstellstation Estación de reposición Reset di stazione	IC-PALM-RESET
Wall mounting bracket Kit pour fixation murale du controleur Wandmontagehalterung Sopporite para montaje mural Staffa montaggio a muro	3002007
Cabinet mounting bracket Kit de fixation du controleur en armoire Schränkmontagehalterung Sopporite para montaje en armario Staffa montaggio armadio	3002010
Parameter tranfer key Clé de transfert des paramètres Parameter Übernahme Stick Llave de transferenciade partametros Chiave trasferimento parametri	8015013



V



Fastening Control System for QE & QM Series Electric Tools
Système d'Asservissement pour les Séries Electriques QE et QM
Schraubersteuerungen für Schrauber der QE/QM- Serie
Systema de Gestión de Par para Llaves Eléctricas QE y QM
Sistemi di Gestione della Coppia per Chiavi Elettriche QE e QM

**Insight software
feature matrix**

	Insight IC1G	Insight IC2G	Insight IC1M	Insight IC1D	Via ICS Connect	Via ICS Network	Via ICS MultiSync	Via ICS Enterprise
Software Programming								
Max Number of Configs	32	32	256	256	Unlimited	Unlimited	Unlimited	Unlimited
Max Number of Steps	128 Total	128 Total	32 per config.	32 per config	1	32 per config	32 per config	32 per config
Prog. Params. Editable	●	●		●	●	●	●	●
Gang count	●	●		●	●	●	●	●
Autoincrement	●	●		●	●	●	●	●
Quick Setup	●	●		●	●	●	●	●
Advanced Setup	●	●		●	●	●	●	●
Config Name	●	●		Display only	●	●	●	●
CW/CCW Tightening	●	●		●	●	●	●	●
Tube Nut Operation	●	●		●	●	●	●	●
Adjustable Acceleration	●	●			●	●	●	●
Optional EOR for each Step	●	●			●	●	●	●
Synchronizing Spindles	●	●			●	●	●	●
Copy protection					●	●	●	●
Data Archiving								
No. of stored EOR Records	5000	5000	200	1000	Unlimited (manual)	Unlimited (manual)	Unlimited (auto.)	Unlimited (auto.)
Databases data can be transferred to							ODBC	ODBC
Backup data to server							●	●
Powerhead								
Powerhead Operation		Limited					●	●
Max No. of Spindles in Powerhead		2					40	40
Max No. of Groups		2					8	8
Fault Backout		●					●	●
Fault Backout Options		None, spindle, group, powerhead					None, spindle, group, powerhead	●
Final Fault Backout		●					●	●
Final Fault Backout Options		None, spindle, group, powerhead					None, spindle, group, powerhead	●
Synchronization Method		Via CANBUS					Via CANBUS	●
Software General								
Date/Time Set	●	●		●	●	●	●	●
System Name	●	●		●	●	●	●	●
Display Software versions	●	●		●	●	●	●	●
Language Selection	●	●		●	Only ICS Language	Only ICS Language	Only ICS Language	Only ICS Language
NTP Function			●	●	●	●	●	●
E.O.R. Onscreen filter				●	●	●	●	●
E.O.R. viewable onscreen	●	●	Primary value only	●	●	●	●	●
Load New Software via Ethernet	●	●	●	●	●	●	●	●
Tool Programming								
TR Adjust	●	●		●	●	●	●	●
ASC Adjust	●	●		●	●	●	●	●
TR and ASC Reset	●	●		●	●	●	●	●
Auto Calibration Function	●	●			X with ETA	X with ETA direct connect only		
Torque Units Selection	●	●		●	●	●	●	●
Start Mode Selection	●	●		●	●	●	●	●
Tool Operation Selection	●	●		●	●	●	●	●
Special Fn Switch Programming	●	●		●	●	●	●	●
Configuration Mode Selection	●	●		●	●	●	●	●
PM Alarms	●	●		●	●	●	●	●
View Memory Chip Data	●	●			●	●	●	●
Passwords								
Number of Passwords	4	4	0	1	Unlimited	Unlimited	Unlimited	Unlimited
Auto Timer lockout	●	●		●				
Adjustable Lockout Timer	●	●		●				
Statistics								
Sample and Population Stats	●	●		●	●	●	●	●
Stats Values Calculated	Cp,Cpk,Mean,SD, Capability, CAM, Max value, Min Value % No. Rejects, % No Pass, No.Rej Hi, No. Rej Lo, Mean Shift, Range, No.for sigma			Cp,Cpk,Mean,SD, Capability, CAM, Max value, Min value % No. Rejects, % No Pass.No.Rej Hi, No. Rej Lo, Mean Shift, Range, No.for sigma			Cp,Cpk,Mean,SD, Capability, CAM, Max value, Min Value % No. Rejects, % No Pass, No.Rej Hi, No. Rej Lo,Mean Shift, Range, No.for sigma, Target	
Stats Alarms	●	●		●		●	●	●
Stats Alarms Output	●	●	●	●				
Max Sample Stats Size	5000	5000	200	1000	1000	1000	1000	1000
Powerhead Stats				●			●	●
Mean Range Charts						●	●	●
Histograms						●	●	●
Pareto chart						●	●	●
Stats E-mail alarms						●	●	●
Stats can be calculated from user defined data						●	●	●
Tightening Curves								
Curve Types	Torque vs Angle, Torque vs Time, Current vs Time	Torque vs Angle, Torque vs Time, Current vs Time					Torque vs Angle, Torque vs Time, Current vs Time, Current vs Angle	
Max No. of Curves Stored on Cont.	5	5	Last Reject Last Cycle	Last Reject Last Cycle				
Display Curves On Screen	●	●				●	●	●
Print Tightening Curves	●	●				●	●	●
Print Tightening Curve Data	●	●				●	●	●

	Insight IC1G	Insight IC2G	Insight IC1M	Insight IC1D	Via ICS Connect	Via ICS Network	Via ICS MultiSync	Via ICS Enterprise
Full View	●	●					●	●
Zoom Function	●	●					●	●
No. of curves that can be overlaid	5	5				1	10	10
Archive curves							●	●
Parameter values shown on curve	●	●				●	●	●
Tightening Strategies								
Torque Control	●	●		●	●	●	●	●
Torque Control with Y. Override	●	●			●	●	●	●
Angle Control	●	●		●	●	●	●	●
Angle Control with Y. Override	●	●			●	●	●	●
Yield Control	●	●			●	●	●	●
Prevailing Torque	●	●			●	●	●	●
Drag Torque	●	●			●	●	●	●
Backout	●	●			●	●	●	●
Fault Backout	●	●			●	●	●	●
Final Fault Backout	●	●			●	●	●	●
Retorque	●	●			●	●	●	●
Wait	●	●			●	●	●	●
Jog	●	●			●	●	●	●
Bypass	●	●			●	●	●	●
Communications								
Serial E.O.R. Data out	●	●		●	●	●	●	●
Serial Custom E.O.R. Data	●	●			●	●	●	●
Host Data Out	●	●		●	●	●	●	●
PFCs	●	●			●	●	●	●
Barcode Passive	●	●			●	●	●	●
Barcode Active	●	●			●	●	●	●
Barcode setup onscreen	●	●			●	●	●	●
Field Bus setup onscreen	●	●			●	●	●	●
Ethernet EOR Setup	●	●			●	●	●	●
Ethernet EOR	●	●			●	●	●	●
Ethernet Programming					●	●	●	●
Diagnostics								
Error Codes			●					
Text Errors	●	●		●	●	●	●	●
System Test	●	●		●	●	●	●	●
Store System Test Results	●	●			●	●	●	●
View Input Statuses	●	●		●	●	●	●	●
Set Output Statuses	●	●		●	●	Only if connected 1 to 1	●	●
View Outputs					●	●	●	●
Assignable inputs					●	●	●	●
Assignable Outputs	Limited	Limited			●	●	●	●
Event Log	●	●			●	●	●	●
View Event Log	●	●			●	●	●	●
Tool Test	●	●		●	●	Only if connected 1 to 1	●	●
Lamp Test	●	●		●	●	Only if connected 1 to 1	●	●
Help								
HelpOn Screen Help Menu	●	●			●	●	●	●
Wizard Text	●	●		●				
Printed Reports								
No. of Reports	7	7	0	0	5	6	9	11
Report Types	Cycle Log, Stats, Parameter Dump, Tightening Curve, Diagnostics, Event log, Auto Cal					Cycle Log, Stats, Parameter Dump, Diagnostics, Event log + Tightening Curve,	+ Tightening, Curve Histogram, Pareto, Mean/Range	+ Tight. Curve, Histogram, Pareto, Mean/Range VIN, Custom
Parallel Output	●	●			●	●	●	●
Export to file					●	●	●	●
Hardware								
Screen Size	25 cm (10.4 in) diag		14mm (9/16 in) high x 5 character	9.6 cm (3.8 in) diag				
Screen Type	VGA Color LCD	VGA Color LCD	Red LED	1/4 VGA Color LCD	XVGA or better	XVGA or better	XVGA or better	XVGA or better
Keypad	●	●		●	●	●	●	●
Keypad Type	33 key Membrane			25 key Membrane On Screen	PC Keyboard	PC Keyboard	PC Keyboard	PC Keyboard
Status lights	●	●						
Power On indication	●	●		●				
GFI	●	●		●				
Mounting Design	Wall	Wall	Wall or Cabinet Mounting plate	Wall or Cabinet Mounting plate				
Field Bus	X (optional)	X (optional)	X (optional)	X (optional)				
No. of I/O	Base 8, Max 24	Base 8, Max 24	Base 8, Max 24	Base 8, Max 24				
Type of I/O	Opto	Opto	Opto	Opto				
Serial Port	X (4)	X (4)	X (1)	X (1)				
Ethernet	●	●		●				
Max number of Spindles	1	2	1	1	1	500	100	500
Method of identifying physical location			Rotary dial switch	Rotary dial switch				
CCT Breaker switch	●	●	●	●				
Dimensions								
Width	475mm (18.7 in)	475mm (18.7 in)	177 mm (7.0 in)	177 mm (7.0 in)				
Height	470 mm (18.5 in)	470 mm (18.5 in)	322 mm (12.6 in)	322 mm (12.6 in)				
Depth	275 mm (10.8 in)	275 mm (10.8 in)	229 mm (9.0 in)	229 mm (9.0 in)				
Weight	27 kg (60 lb)	32 kg (70 lb)	5.6 kg (12.4 lb)	5.6 kg (12.4 lb)				

General Applications	Insight IC1G	Handheld or fixtured.
	Insight IC2G	Handheld, fixtured or limited powerhead.
	Insight IC1M	Handheld, fixtured or powerhead.
	Insight IC1D	Handheld, fixtured or powerhead.
	Via ICS Connect	Basic programming for IC1D or IC1M. One-to-one connection only.
	Via ICS Network	Advanced programming of non powerhead systems. Either one-to-one or up to 500 on a network.
	Via ICS MultiSync	Advanced programming of powerhead systems of up to 40 spindles each.
	Via ICS Enterprise	Advanced programming and data archiving of powerhead and non-powerhead systems on a network. Up to 500 spindles total.