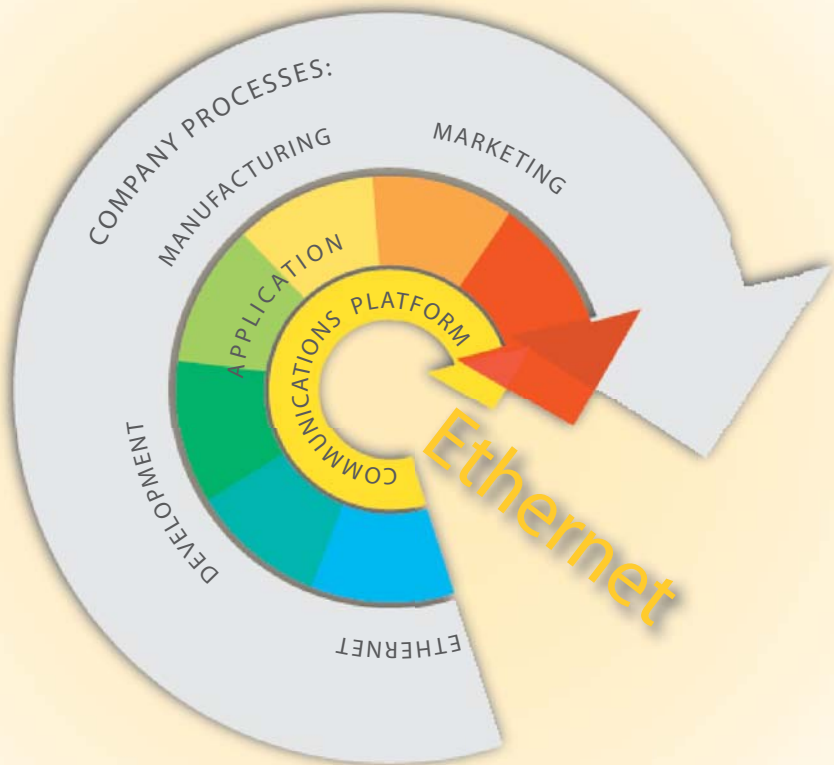# HARTING Automation IT - Selection Guide

People | Power | Partnership

Automation IT offers extraordinary efficiency gains within the context of companies' overall processes. Automation IT is based on a comprehensive, integrated installation concept comprising Ethernet cabling and Ethernet network components. The HARTING Technology Group offers the synthesis of both sides in the form of a single, seamless communications platform.

Automation IT represents a clear innovation in industrial communication. Driven by a single communications platform for all applications in an overall company process, previous ideas of confined communication worlds have been superseded.

The ability to meet end customer needs in an optimal manner is decisive for companies' long-term success: from the placement of orders, throughout manufacturing and delivery and all the way on to after-sales and support. Quality, costs and, above all, speed are the essential determining success factors that ensure a company's growth.

According to the Automation IT concept, a network is defined that forms a platform for all of an industrial company's applications. In this way, the entire process of development, manufacturing and marketing can be formed more efficiently. This calls for a high-performance network.

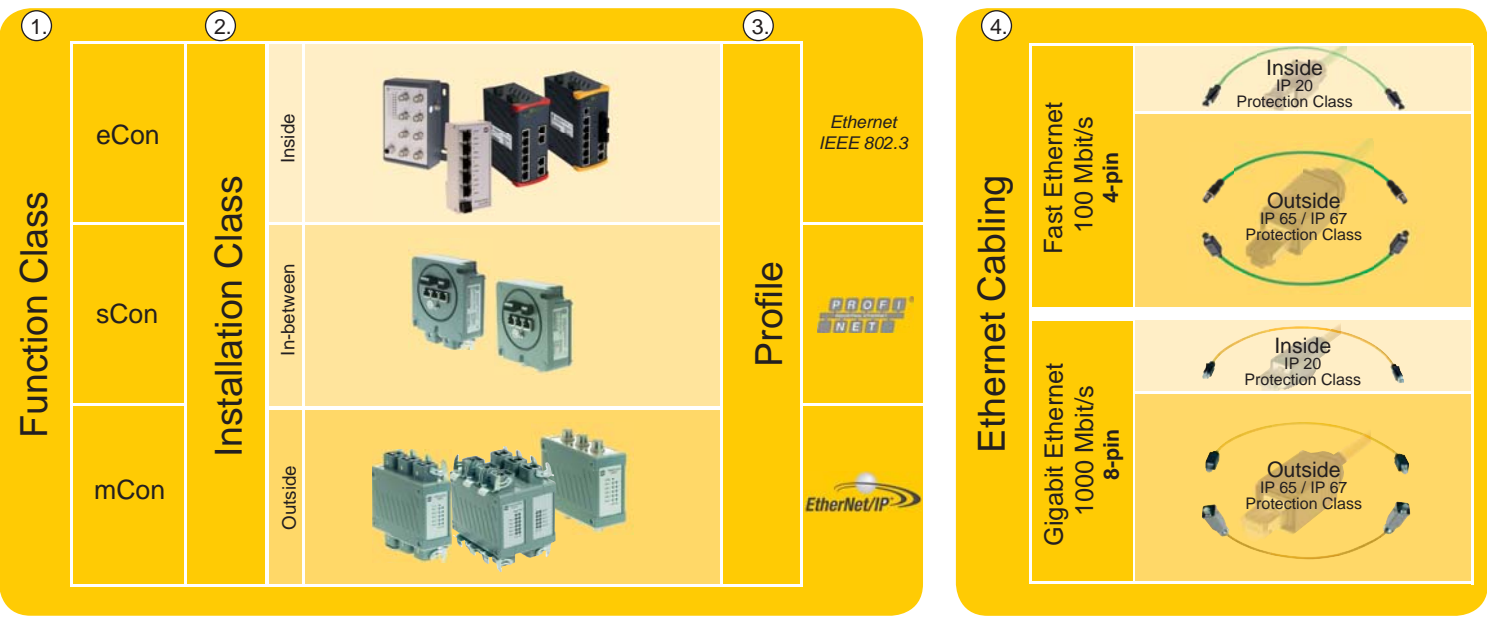## The Automation IT communications platform

Ethernet constitutes the connecting link between strategic necessity and the actual network, as today's Ethernet can be used for all applications in the IT and the automation environment.

Profiles were created and tailored to the automation environment in order to take the Ethernet directly to intelligent sensors and actuators. Ethernet is undergoing constant further development, and consequently offers the required performance for today's and tomorrow's applications, while guaranteeing the highest levels of investment protection at the same time.

The HARTING Technology Group connects applications in demanding industrial environments. In order to facilitate the selection of the right components, a special tool was developed: *the „Selection Guide"*

The Ethernet network components and the cabling merge into a single entity in machines and systems. The network is adapted to the applications without losing its platform character for communication. This translates as the use of IP67 components or the support of special topologies, such as line or ring topologies, for example.

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①

The Functional Class of the active network components is derived from their application. Whatever your need, with the eCon, sCon and mCon, HARTING covers the complete spectrum of industrial applications.

Function Classes		
eCon Basic Functions	• EMC, temperature range and mechanical stability for the toughest demands • Ethernet Switch according to IEEE 802.3 • Ethernet (10 Mbit/s) and Fast Ethernet (100 MBit/s), Gigabit Ethernet (1000 Mbit/s) • Store and Forward Switching Mode • Auto-negotiation / Auto-crossing / Auto-polarity • Up to 10 Ports (10 TX, 8 TX and 2 FX, 6 TX and 2 FX)	
sCon Configurable Functions	• Individually configurable via USB port • Parallel-redundancy, Ring-redundancy • Power-off configuration • + Basic functions	
mCon Management Functions	• Management Services (IGMP Snooping, QoS, VLAN, RSTP, 802.1...) • Web Management • SNMP Management • + Basic functions	

Network components can operate as simple star-couplers as in the eCon range, or take over the more complex tasks of active segment administration embodied by the mCon range.

②

In the second step, the Installation Class appropriate to the Installation Concept is selected. If, for example, your network components are located in a switch cabinet, then the *Inside* installation class is the right one for you. All HARTING network components are true industrial products, with such well thought-out default properties that they master the toughest environments.

Inside	2000 3000 4000 9000	The creation of a star-topology network within a cabinet, whose clients are also in the same cabinet.
In-between	6000	Integration of cabinets into an Ethernet network, as well as arrangement in a star-topology within the cabinet. Decentralised cabinets can be easily linked together into a line-topology.
Outside	7000	On-site creation of a star-topology network, most of whose devices are designed to a high protection class. The low number of ports also allow the implentation of simple line-topologies.

③

With the Profile you select whether special automation-specific functions, such as those required by PROFINET, are integrated into the network components. HARTING products can be put into Standard Ethernet, PROFINET and EthernetIP environments.

Structured cabling follows from the particular application, since the determination of network components and other active devices decides the constraints on the cabling - for example, the selection of connectors.

④

The network cabling results from the simple connection of network clients. There are complete cable sets available as well as cables and connectors that can be made up on site.

Products are also available for transitional areas like cabinet walls or between two different installation lines.

With the help of the selection guide, you can follow an easy path to a seamless and secure network solution.

Ethernet Components

Function Class	Installation Class	Switches		Application

HARTING eCon — unmanaged
- Plug & Play
- Store and Forward Switching Mode
- Non-Blocking
- Auto-Negotiation
- Auto-Polarity
- Auto-Crossing

Inside (IP 30 Protection Class)

eCon 2000
- 3/4/5 Copper ports (RJ45)
- Robust metal housing
- Top-Hat rail mount
- Optimum installation depth

eCon 2030 -A — 3 RJ45 (1)
eCon 2040 -A — 4 RJ45 (2)
eCon 2050 -A — 5 RJ45 (3)
eCon 2050 -AA — 5 RJ45 Gigabit (4)

Application: Ethernet IEEE 802.3 PROFINET

eCon 3000 — Without FO
- 1/6/8 Copper ports with optional 1/2 FO ports
- Robust metal housing
- Top-Hat Rail mount
- Narrow form factor

eCon 3080 -A/-A2/-A4
- 8 RJ45 also available with:
  - with narrowest housing (-A2)
  - Extended temperature range (-A4)
eCon 3080 -A1 — 8 RJ45 (7)
eCon 3061 -AD — 6 RJ45, 1 SC (8)
eCon 3061 -AE — 6 RJ45, 1 ST (9)
eCon 3062 -AD/-AD2/-AF
- 6 RJ45, 2 SC also available with:
  - Extended temperature range (-AD2)
  - Single mode (-AF)
eCon 3062 -AE — 6 RJ45, 2 ST (11)
eCon 3082 -AD — 8 RJ45, 2 SC (12)
eCon 3082 -AE — 8 RJ45, 2 ST (13)
eCon 3011 — Converter — 1 RJ45, 1SC — 10/100MB — PoE (14)

Application: Ethernet IEEE 802.3 PROFINET

Inside (IP 30 / IP 40 Protection Class)

eCon 4000
- 8 Copper ports (M12 D-Coding)
- Robust metal housing
- EMC, temperature range and mechanical stability meet the highest requirements

eCon 4080 -B1 — 8 M12 D-Coding (15)
eCon 9000
- 7 -10 Copper ports (RJ45 or M12 D-Coding)
- Robust metal housing
- 19" rack mount
- Small form-factor (16)
eCon 9080 -B — 7 Han® M12 D-Coding +1 (17)
eCon 9070 -B — 7 Han® M12 D-Coding — Power input on the front (17)
eCon 9100 -AA — 8 RJ45, 2 RJ45 Gigabit (18)

Application: Ethernet IEEE 802.3 PROFINET

In-between (IP 67 / IP 20 Protection Class)

eCon 6000 — 5 Port
- 5 Copper ports (3 RJ45 and 2 Han® 3 A RJ45 /M12 D-Coding)
- Robust die-cast aluminium housing
- Active panel feed-through
- EMC, temperature range and mechanical stability meet the highest requirements
- Potential-free alarm contact

eCon 6050 -A — 3 RJ45, 2 Han® 3 A RJ45 (19)
eCon 6050 -BA — 3 RJ45, 2 M12 D-Coding (20)
eCon 6080 -HA — Hybrid
- 6 RJ45,
- 2 HARTING RJ Industrial® Hybrid
- Redundant power inputs 18V - 30V DC (21)

Application: Ethernet IEEE 802.3 PROFINET

Outside (IP 65 / IP 67 Protection Class)

eCon 7000 — 5 Port / 10 Port
- 5/10 Copper ports (Han® 3 A RJ45 or M12 D-Coding)
- Robust die-cast zinc housing
- EMC, temperature range and mechanical stability meet the highest requirements

eCon 7050 -A/-A1
- 5 Han® 3 A RJ45
- wide power input range (-A1) (22)
eCon 7050 -B/-B1
- 5 M12 D-Coding
- wide power input range (-B1) (23)
eCon 7100 -A — 10 Han® 3 A RJ45 (24)(25)
eCon 7100 -B — 10 M12 D-Coding (26)
eCon 7100 -AA — 8 Han® 3 A RJ45, 2 Han® 3 A RJ45 Gigabit (26)

Application: Ethernet IEEE 802.3 PROFINET

HARTING sCon — configurable
- via USB-interface configurable through a graphic user interface

Inside (IP 30 Protection Class)

sCon 3000 — Without FO
- 6/8/10 Copper ports (RJ45) and optional 1/2/3 FO ports (SC/ST)
- Robust metal housing
- Parallel / ring-redundancy
- Top-Hat rail mounting
- Potential-free alarm contact

sCon 3100 -A/AA — 10 RJ45, Optionally with: 2 RJ45 Gigabit (27)
sCon 3061 -AD/-AF — 6 RJ45, 1 SC (28)
sCon 3082 -AD/-AF — 8 RJ45, 2 SC (29)
sCon 3063 -AD — 6 RJ45, 3 SC (30)
sCon 3061 -AE — 6 RJ45, 1 ST (31)
sCon 3082 -AE — 8 RJ45, 2 ST (32)
sCon 3063 -AE — 6 RJ45, 3 ST (33)

Application: Ethernet IEEE 802.3 PROFINET

HARTING mCon — managed
- SNMP V1 and V3
- MIB II
- RSTP
- DHCP Client
- IGMP Snooping
- VLAN 802.1Q
- QoS
- Store and Forward Switching Mode
- Non-Blocking
- Auto-Negotiation
- Auto-Polarity
- Auto-Crossing
- Bandwidth-limiting
- Diagnosis

Inside (IP 30 Protection Class)

mCon 3000 — Without FO
- 6/8/10 Copper ports (RJ45) and with optionally 1/2/3 FO-ports
- Robust metal housing
- Top-Hat rail mount
- Web management
- Potential-free alarm contact

mCon 3100 -A — 10 RJ45 (34)
mCon 3061 -AD — 6 RJ45, 1 SC (35)
mCon 3082 -AD — 8 RJ45, 2 SC (36)
mCon 3063 -AD — 6 RJ45, 3 SC (37)
mCon 3061 -AE — 6 RJ45, 1 ST (38)
mCon 3082 -AE — 8 RJ45, 2 ST (39)
mCon 3063 -AE — 6 RJ45, 3 ST (40)

Application: Ethernet IEEE 802.3 EtherNet/IP PROFINET

Inside (IP 30 / IP 40 Protection Class)

mCon 4000
- 8 Copper ports (M12 D-Coding)
- Robust metal housing
- EMC, temperature range and mechanical stability meet the highest requirements
- Web management (41)

mCon 9000
- 7 -10 Copper ports
- Robust Metal housing
- 19" rack mount
- Small form-factor (42)
mCon 9080 -B — 7 Han® M12 D-Coding +1 (43)
mCon 9070 -B — 7 Han® M12 D-Coding — Power input on the front (43)
mCon 9100 -AA — 8 RJ45, 2 RJ45 Gigabit (44)

Application: Ethernet IEEE 802.3 EtherNet/IP PROFINET

In-between (IP 67 / IP 20 Protection Class)

mCon 6000 — 5 Port
- 5 Copper ports (3 RJ45 and 2 Han® 3 A RJ45 /M12 D-Coding)
- Robust die-cast aluminium housing
- Active panel feed-through
- Potential-free alarm contact
- Web management

mCon 6050 -A — 3 RJ45, 2 Han® 3 A RJ45 (45)
mCon 6050 -BA — 3 RJ45, 2 M12 D-Codiong (46)

Application: Ethernet IEEE 802.3 EtherNet/IP PROFINET

Outside (IP 65 / IP 67 Protection Class)

mCon 7000 — 5 Port / 10 Port
- 5/10 Copper ports (Han® 3 A RJ45 or M12 D-Coding)
- Robust die-cast zinc housing
- EMC, temperature range and mechanical stability meet the highest requirements
- Web management

mCon 7050 -A/-A1
- 5 Han® 3 A RJ45
- Wide power input range (-A1) (47)
mCon 7050 -B/-B1
- 5 M12 D-Coding
- Wide power input range (-B1) (48)
mCon 7100 -A1/-AA
- 10 Han® 3 A RJ45
- optionally with 2 Gigabit (-AA) (49)(50)
mCon 7100 -B1 — 10 M12 D-Coding (51)
mCon 7100 -A2
- 10 Han® 3 A RJ45
- With configuration memory interface (52)
mCon 7100 -B2
- 10 M12 D-Coding
- With configuration memory interface (52)

Application: Ethernet IEEE 802.3 EtherNet/IP PROFINET

HARTING pCon
- Industrial Power Supply 24 V

Inside (IP 20 Protection Class)

pCon 2000
- World-wide application through wide input voltage range: 110 - 240 V AC
- Operating temperature: 25°C to +70°C without derating
- Fast installation without tools due to cage clamps
- Active PFC (53)(54)
pCon 2060 -24 — Outlet socket: - 24V / 2,5 (60W)
pCon 2060 -48 — Outlet socket: - 48V / 1,25 (60W)

Outside (IP 65 / IP 67 Protection Class)

pCon 7000
- Robust die-cast zinc housing
- Worldwide application through wide range of input voltage: 110 - 240 V AC
- Operating Temperature: -25°C - +75°C
- Power input socket: Han® 4 A
- Active PFC (55)(56)
pCon 7095 -24A — Outlet socket: 2 Han® 4 A with 24V / 4A (95W)
pCon 7095 -24B — Outlet socket: 2 M12 A-Coding with 24V / 4A (95W)

Application: Ethernet IEEE 802.3 EtherNet/IP

Ethernet Cabling

Installation Class	Connectors	System Cable	Outlets and Panel Feed-Through	Cables	Application

Fast Ethernet 100 Mbit/s — 4-pin

Inside (IP 20 Protection Class)

(57) HARTING RJ Industrial® Connector RJ45, 4-pin — IP 20, RJ45, Cat. 5
(58)(59) HARTING RJ Industrial® System Cable RJ45, 4-wire assembled / overmoulded — IP 20, RJ45, Cat. 5
(60) HARTING Cabinet Outlet RJ45 — IP 20, Cat. 6

Cables — Type A (for fixed layouts):
(86) Industrial Cat. 5 Standard Cable, 4-wire — AWG 22/1, solid, PVC

Application: Ethernet IEEE 802.3 PROFINET

Outside (IP 65 / IP 67 Protection Class)

(81) HARTING PushPull Connector RJ45, 4-pin — IP 65 / IP 67, Cat. 5
(62)(63) HARTING PushPull System Cable RJ45, 4-wire assembled / overmoulded — IP 65 / IP 67, Cat. 5, AWG 22
(64) HARTING PushPull Panel Feed-through RJ45 — IP 65 / IP 67, Cat. 5
(65) HARTING PushPull Outlet RJ45 — IP 65 / IP 67, Cat. 6

Type B (for flexible layouts):
(87) Industrial Cat. 5 Stranded Cable, 4-wire — AWG 22/7, stranded, PVC

Application: Standard Ethernet

(66)(67) Han® PushPull Connector RJ45, 4-pin, plastic or metal — IP 65 / IP 67, Cat. 5
(68)(69) Han® PushPull System Cable RJ45, 4-wire Plastic / Metal — IP 65 / IP 67, Cat. 5, AWG 22

(88) Industrial Cat. 5 Outdoor Cable, 4-wire — AWG 22/7, stranded, PVC

Application: Ethernet IEEE 802.3 PROFINET

(70) HARAX® M12 Connector, D-Coding, 4-pin — IP 65 / IP 67, Cat. 5
(71) Han® M12 System Cable D-Coding, 4-wire — IP 65 / IP 67, Cat. 5, AWG 22
(72)(73) Han® M12 Panel Feed-through D-Coding — IP 65 / IP 67, Cat. 5, straight or angled

Type C (for special applications):
(89) Industrial Cat. 5 Trailing Cable, 4-wire — AWG 22/7, stranded, PUR

Application: Ethernet IEEE 802.3 PROFINET

(74)(75) Han® 3 A Connector RJ45, 4-pin, plastic or metal — IP 65 / IP 67, Cat. 5
(76) Han® 3 A System Cable RJ45, 4-wire — IP 65 / IP 67, Cat. 5, AWG 22
(77) Han® 3 A Panel Feed-through RJ45 — IP 65 / IP 67, Cat. 5
(78) Han® 3 A Metal Outlet RJ45 — IP 65 / IP 67, Cat. 6
(79) Han® 3 A Metal Outlet RJ45 — IP 65 / IP 67, Cat. 6

(90) Industrial Cat. 5 Hybrid Cable, 4-wire — AWG 22/7, stranded with 4x power supply, FRNC

Application: Ethernet IEEE 802.3 PROFINET

(80)(81) Han® 3 A Hybrid connector RJ45, 4-pin, plastic or metal — IP 65 / IP 67, Cat. 5, with 4x power supply
(82)(83) Han® 3 A Hybrid System Cable RJ45 , 4-wire plastic / metal — IP 65 / IP 67, Cat. 5, AWG 22/7, stranded with 4x power supply
(84) Han® 3 A Hybrid Panel Feed-through RJ45 plastic / metal — IP 65 / IP 67, Cat. 5

Gigabit Ethernet 1000 Mbit/s — 8-pin

Inside (IP 20 Protection Class)

(91) HARTING RJ Industrial® Connector, RJ45, 8-pin — IP 20, RJ45, Cat. 6
(92)(93) HARTING RJ Industrial® System Cable RJ45, 8-wire — IP 20, Cat. 6, flexible; Industrial Ethernet Patch Cable RJ45, 8-wire — IP 20, Cat. 5, AWG 26/7
(94) HARTING Cabinet Outlet RJ45 — IP 20, Cat. 6

(108) Industrial Cat. 5 Stranded Cable, 8-wire — AWG 26/7, stranded, PUR

Application: Ethernet IEEE 802.3 EtherNet/IP

Outside (IP 65 / IP 67 Protection Class)

(95) HARTING PushPull Connector RJ45, 8-pin — IP 65 / IP 67, Cat. 6
(96) HARTING PushPull System Cable RJ45, 8-wire — IP 65 / IP 67, Cat. 6, flexible
(97) HARTING PushPull Panel Feed-through RJ45 — IP 65 / IP 67, Cat. 5
(98) HARTING PushPull Outlet RJ45 — IP 65 / IP 67, Cat. 6

(109) Industrial Cat. 5 Outdoor Cable, 8-wire — AWG 26/7, stranded, PVC

Application: Ethernet IEEE 802.3

(99)(100) Han® 3 A Connector RJ45, 8-pin, plastic or metal — IP 65 / IP 67, Cat. 6
(101) Han® 3 A System Cable RJ45 8-wire — IP 65 / IP 67, Cat. 6, flexible
(102) Han® 3 A Panel Feed-through RJ45 — IP 65 / IP 67, Cat. 5
(103) Han® 3 A Metal Outlet RJ45 — IP 65 / IP 67, Cat. 6
(104) Han® 3 A Metal Outlet RJ45 — IP 65 / IP 67, Cat. 6

(110) Industrial Cat. 6, Stranded Cable 8-wire — AWG 27/7, stranded, PVC

Application: Ethernet IEEE 802.3 EtherNet/IP

(105) Han-Max® Connector RJ45, 8-pin — IP 67, Cat. 5
(106) Han-Max® System Cable RJ45 8-wire — IP 67, Cat. 5, flexible
(107) Han-Max® Panel Feed-through RJ45 — IP 67, Cat. 5

(111) Industrial Cat. 6, Installation Cable, 8-wire, for fixed installation — AWG 23/1, solid, FRNC

Selection Guide Order Information

Switches

#	Switches	Terminations (ports)	Part Number
	HARTING eCon		
①	eCon 2030 -A	3 RJ45	20 76 103 3000
②	eCon 2040 -A	4 RJ45	20 76 104 3000
③	eCon 2050 -A	5 RJ45	20 76 105 3000
④	eCon 2050 -AA	5 RJ45 Gigabit	20 76 105 3001**
⑤	eCon 3080 -A2	8 RJ45	20 76 108 3002
⑥	eCon 3080 -A	8 RJ45	20 76 108 3000
	- eCon 3080 -A4	8 RJ45	20 76 108 3004
⑦	eCon 3080 -A1	8 RJ45	20 76 108 3001
⑧	eCon 3061 -AD	6 RJ45 + 1 SC	20 76 107 3100
⑨	eCon 3061 -AE	6 RJ45 + 1 ST	20 76 107 3200
⑩	eCon 3062 -AD	6 RJ45 + 2 SC	20 76 108 3100
	- eCon 3062 -AD2	6 RJ45 + 2 SC	20 76 108 3102
	- eCon 3062 -AF	6 RJ45 + 2 SC	20 76 108 3103
⑪	eCon 3062 -AE	6 RJ45 + 2 ST	20 76 108 3200
⑫	eCon 3082 -AD	8 RJ45 + 2 SC	20 76 110 3100
⑬	eCon 3082 -AE	8 RJ45 + 2 ST	20 76 110 3200
⑭	eCon 3011	1 RJ45 + 1 SC	20 76 102 3100**
⑮	eCon 4080 -B1	8 M12 D-Coding	20 77 208 3001
⑯	eCon 9080 -B	7 + 1 M12 D-Coding	20 76 208 7000
⑰	eCon 9070 -B	7 M12 D-Coding	20 76 207 7000
⑱	eCon 9100 -AA	8 RJ45 + 2 RJ45 Gigabit	20 76 110 7000
⑲	eCon 6050 -A	3 RJ45 + 2 Han® 3 A RJ45	20 73 305 3921
⑳	eCon 6050 -BA	3 RJ45 + 2 M12 D-Coding	20 73 305 3941
㉑	eCon 6080 -HA	6 RJ45 + 2 RJI Hybrid	20 73 308 3972
㉒	eCon 7050 -A	5 Han® 3 A RJ45	20 70 305 3921
	- eCon 7050 A1	5 Han® 3 A RJ45	20 70 305 3923**
㉓	eCon 7050 -B	5 M12 D-Coding	20 70 305 3941
	- eCon 7050 -B1	5 M12 D-Coding	20 70 305 3943**
㉔	eCon 7100 -A	10 Han® 3 A RJ45	20 70 310 3921
㉕	eCon 7100 -B	10 M12 D-Coding	20 70 310 3941
㉖	eCon 7100 -AA	8 RJ45 + 2 RJ45 Gigabit	20 70 310 3924
	HARTING sCon		
㉗	sCon 3100 -A	10 RJ45	20 76 110 1000
	- sCon 3100 -AA	10 RJ45	20 76 110 1001
㉘	sCon 3061 -AD	6 RJ45 + 1 SC	20 76 107 1100
	- sCon 3061 -AF	6 RJ45 + 1 SC	20 76 107 1102
㉙	sCon 3082 -AD	8 RJ45 + 2 SC	20 76 110 1100
	- sCon 3082 -AF	8 RJ45 + 2 SC	20 76 110 1102
㉚	sCon 3063 -AD	6 RJ45 + 3 SC	20 76 109 1100
㉛	sCon 3061 -AE	6 RJ45 + 1 ST	20 76 107 1200
㉜	sCon 3082 -AE	8 RJ45 + 2 ST	20 76 110 1200
㉝	sCon 3063 -AE	6 RJ45 + 3 ST	20 76 109 1200
	HARTING mCon		
㉞	mCon 3100 -A	10 RJ45	20 76 110 4000
㉟	mCon 3061 -AD	6 RJ45 + 1 SC	20 76 107 4100
㊱	mCon 3082 -AD	8 RJ45 + 2 SC	20 76 110 4100
㊲	mCon 3063 -AD	6 RJ45 + 3 SC	20 76 109 4100
㊳	mCon 3061 -AE	6 RJ45 + 1 ST	20 76 107 4200
㊴	mCon 3082 -AE	8 RJ45 + 2 ST	20 76 110 4200
㊵	mCon 3063 -AE	6 RJ45 + 3 ST	20 76 109 4200
㊶	mCon 4080 -B1	8 M12 D-Coding	20 77 208 4001
㊷	mCon 9080 -B	7 + 1 M12 D-Coding	20 76 208 7001
㊸	mCon 9070 -B	7 M12 D-Coding	20 76 207 7001
㊹	mCon 9100 -AA	8 RJ45 + 2 RJ45 Gigabit	20 76 110 7001
㊺	mCon 6050 -A	3 RJ45 + 2 Han® 3 A RJ45	20 73 305 4921
㊻	mCon 6050 -BA	3 RJ45 + 2 M12 D-Coding	20 73 305 4941
㊼	mCon 7050 -A	5 Han® 3 A RJ45	20 70 305 4921
	- mCon 7050 -A1	5 Han® 3 A RJ45	20 70 305 4922**
㊽	mCon 7050 -B	5 M12 D-Coding	20 70 305 4941
	- mCon 7050 -B1	5 M12 D-Coding	20 70 305 4942**
㊾	mCon 7100 -A1	10 Han® 3 A RJ45	20 70 310 4922
	- mCon 7100 -AA	8 RJ45 + 2 RJ45 Gigabit	20 70 310 4924
㊿	mCon 7100 -B1	10 M12 D-Coding	20 70 310 4942
�51	mCon 7100 -A2	10 Han® 3 A RJ45	20 70 310 4923
�52	mCon 7100 -B2	10 M12 D-Coding	20 70 310 4943
	HARTING pCon		
�53	pCon 2060 -24	24V / 2,5A (60W)	20 80 000 3121
�54	pCon 2060 -48	48V / 1,25A (60W)	20 80 000 3122
�55	pCon 7095 -24A	2 Han® 4 A	20 80 300 3011
�56	pCon 7095 -24B	2 M12 A-Coding	20 80 300 3012

Network Cabling

#	Network Cabling	Part Number
	Fast Ethernet 100 Mbit/s — 4-polig	
㊄57	HARTING RJ Industrial® Connector RJ45	09 45 151 1100
58	HARTING RJ Industrial® System Cable RJ45, assemb.	09 45 751 11xx*
59	HARTING RJ Industrial® System Cable RJ45, overm.	09 45 771 11xx*
60	HARTING Cabinet Outlet RJ45	20 76 102 8000
61	HARTING PushPull Connector RJ45	09 45 145 1100
62	HARTING PushPull System Cable RJ45, assembled	09 45 745 11xx*
63	HARTING PushPull System Cable RJ45, overmoulded	09 47 363 6xxx*
64	HARTING PushPull Panel Feed-through RJ45	09 45 245 1130
65	HARTING PushPull Outlet RJ45	09 45 845 1500
66	HAN® PushPull Connector RJ45, plastic	09 35 221 0421
67	HAN® PushPull Connector RJ45, metal	09 35 221 0401
68	HAN® PushPull System Cable RJ45, plastic	04 47 555 50xx*
69	HAN® PushPull System Cable RJ45, metal	04 47 565 60xx*
70	HARAX® M12 Connector D-Coding	21 03 281 1405
71	Han® M12 System Cable D-Coding	21 03 485 14xx*
72	Han® M12 Panel Feed-through D-Coding, straight	21 03 381 2400
73	Han® M12 Panel Feed-through D-Coding, angled	21 03 381 4400
74	Han® 3 A Connector RJ45, plastic	09 45 125 1100
75	Han® 3 A Connector RJ45, metal	09 45 115 1100
76	Han® 3 A System Cable RJ45	09 45 715 11xx*
77	Han® 3 A Panel Feed-through RJ45	09 45 215 1100
78	Han® 3 A Metall Outlet RJ45, Cat. 5	09 45 815 1100
79	Han® 3 A Metall Outlet RJ45, Cat. 6	20 79 302 0922
80	Han® 3 A Hybrid Connector RJ45, plastic	09 45 125 1300
81	Han® 3 A Hybrid Connector RJ45, metal	10 12 005 2001
82	Han® 3 A Hybrid System Cable RJ45, plastic	09 45 725 13xx*
83	Han® 3 A Hybrid System Cable RJ45, metal	auf Anfrage
84	Han® 3 A Hybrid Panel Feed-through RJ45, plastic	09 45 225 1300
85	Han® 3 A Hybrid Panel Feed-through RJ45, metal	10 12 005 1002
86	Industrial Cat. 5 Standard Cable	09 45 600 01x0*
87	Industrial Cat. 5 Stranded Cable	09 45 600 01x2*
88	Industrial Cat. 5 Outdoor Cable	09 45 600 01x5*
89	Industrial Cat. 5 Trailing Cable	09 45 600 01x1*
90	Industrial Cat. 5 Hybrid Cable	09 45 600 03x0*
	Gigabit Ethernet 1000 Mbit/s — 8-polig	
91	HARTING RJ Industrial® Connector RJ45	09 45 151 15x0*
92	HARTING RJ Industrial® Stranded System Cable RJ45	09 45 751 15xx*
93	Industrial Ethernet Patch-Cable RJ45	09 45 971 11xx*
94	HARTING Cabinet Outlet RJ45	20 76 102 8000
95	HARTING PushPull Connector RJ45	09 45 145 15x0*
96	HARTING PushPull Stranded System Cable RJ45	09 45 745 15xx*
97	HARTING PushPull Panel Feed-through RJ45	09 45 245 1130
98	HARTING PushPull Outlet RJ45	09 45 845 1500
99	Han® 3 A Connector RJ45, plastic	09 45 125 15x0*
100	Han® 3 A Connector RJ45, metal	09 45 115 15x0*
101	Han® 3 A Stranded System Cable RJ45	09 45 715 15xx*
102	Han® 3 A Panel Feed-through RJ45	09 45 215 1100
103	Han® 3 A Metall Outlet RJ45, Cat. 5	09 45 815 1100
104	Han® 3 A Metall Outlet RJ45, Cat. 6	20 79 302 0922
105	Han-Max® Connector RJ45	09 15 300 0402
106	Han-Max® Stranded System Cable RJ45	auf Anfrage
107	Han-Max® Panel Feed-through RJ45	09 15 300 0302
108	Industrial Cat. 5 Stranded Cable	09 45 600 04x0*
109	Industrial Cat. 5 Outdoor Cable	09 45 600 02x0*
110	Industrial Cat. 6 Stranded Cable	09 45 600 06x0*
111	Industrial Cat. 6_A Installation Cable	09 45 600 0650*

Further product information is available in our catalogue

*Please refer to the catalogue for the order numbers of the relevant cables and system cables.

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