

1	2	3	4	5	6	7	8																																																																																															
A	Ha-VIS preLink® System			Wire map white/ green green white/ brown brown ① ② ⑦ ⑧ TIA/EIA 568 A ④ ⑤ ⑥ ③ blue white/ blue orange white/ orange ① ② ⑦ ⑧ TIA/EIA 568 B ④ ⑤ ⑥ ③ white/ orange orange white/ brown brown ① ② ⑦ ⑧ TIA/EIA 568 B ④ ⑤ ⑥ ③ blue white/ blue green white/ green ① ② ⑦ ⑧ TIA/EIA 568 B ④ ⑤ ⑥ ③ yellow orange x x ① ② ⑦ ⑧ INDUSTRIAL ④ ⑤ ⑥ ③ x x blue white																																																																																																		
B	General information Mating Face RJ45 acc. to IEC 60603-7, M12 D-coded acc. to IEC 61076-2-101 or M12 X-coded acc. to IEC 61076-2-109 Number of contacts 8 Transmission performance RJ45/ M12 X-coded M12 D-coded acc. to ISO 11801 category 6 / class E_x up to 500 MHz acc. to ISO 11801 category 5 / class D up to 100 MHz Transmission rate 10/100Mbps / 1/10 Gbits/s 10/100Mbps Shielding Fully shielded, 360°shielding contact Termination technology HA-VIS preLink® IDC termination acc. to IEC 60352-4 Power over Ethernet usable for PoE (IEEE 802.3af) and PoE+ (IEEE 802.3at) Calbe diameter see table HA-VIS preLink® types Conductor cross section (solid and stranded) wire gauge wire diameter 20 82 000 0001 AWG 23 - 22 (contact block yellow) 1,3- 1,6mm 20 82 000 0003 AWG 27 - 26 (contact block white) 0,8- 1,1mm Current 1,18A at 20°C (see derating diagram) Opperating voltage max. 57V DC contact resistance ≤ 20mΩ insulating resistance between contacts ≥ 500MΩ electric strength contact - contact RJ45/ M12 d-coded 1,0kV M12 x-coded 0,5kV electric strength contact - shielding RJ45/ M12 d-coded 1,5kV M12 x-coded 0,5kV Degree of protetion see table HA-VIS preLink® types Temperatur range -40°C ... +70°C Mating cycles RJ45 termination M12 termination preLink termination min. 750 min. 250 min. 10 UL file pending RoHS - compliant Yes																																																																																																					
C	Material Housing material see table HA-VIS preLink® types			HA-VIS preLink® types <table><tr><th>p/n</th><th>type</th><th>cable diameter</th><th>material</th><th>degree protection</th></tr><tr><td>20 82 500 0001</td><td>Ha-VIS preLink® RJ45 Keystone jack w/o preLink block</td><td>5 ... 9 mm</td><td>zinc die-cast</td><td>IP20</td></tr><tr><td>20 82 500 0002</td><td>Ha-VIS preLink® RJ45 Keystone jack angled w/o preLink block</td><td>5 ... 9 mm</td><td>zinc die-cast</td><td>IP20</td></tr><tr><td>20 82 501 0001</td><td>Ha-VIS preLink® RJ45 Keystone jack AWG 24-22</td><td>5 ... 9 mm</td><td>zinc die-cast</td><td>IP20</td></tr><tr><td>20 82 001 0001</td><td>Ha-VIS preLink® RJ45 HIFF jack AWG 24-22</td><td>5 ... 9 mm</td><td>zinc die-cast</td><td>IP20</td></tr><tr><td>20 82 001 0002</td><td>Ha-VIS preLink® RJ45 HIFF jack AWG 27-26</td><td>5 ... 9 mm</td><td>zinc die-cast</td><td>IP20</td></tr><tr><td>20 82 000 0002</td><td>Ha-VIS preLink® RJ45 HIFF jack w/o preLink block</td><td>5 ... 9 mm</td><td>zinc die-cast</td><td>IP20</td></tr><tr><td>20 82 101 0001</td><td>Ha-VIS preLink® extender</td><td>5 ... 9 mm</td><td>zinc die-cast</td><td>IP20</td></tr><tr><td>20 82 101 0010</td><td>Ha-VIS preLink® RJ45 plug w/o preLink block</td><td>5 ... 9 mm</td><td>zinc die-cast</td><td>IP20</td></tr><tr><td>20 82 002 0001</td><td>Han® 3 A preLink® RJ45 plug insert</td><td>5 ... 9 mm</td><td>plastic</td><td>IP 65/67</td></tr><tr><td>20 82 204 0001</td><td>Han® PushPull RJ45 plug plastic</td><td>6.3 ... 8.8 mm</td><td>plastic</td><td>IP 65/67</td></tr><tr><td>20 82 104 0001</td><td>Han® PushPull RJ45 plug metal</td><td>6.3 ... 8.8 mm</td><td>zinc die-cast</td><td>IP 65/67</td></tr><tr><td>20 82 104 0045</td><td>Han® PushPull RJ45 plug metal 45°</td><td>6.3 ... 8.8 mm</td><td>zinc die-cast</td><td>IP 65/67</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td>20 82 005 0001</td><td>preLink® M12 connector D-coding, 4 poles</td><td>6.3 ... 8.8 mm</td><td>zinc die-cast</td><td>IP 65/67</td></tr><tr><td>20 82 005 1214</td><td>preLink® connector insert, male, M12 D-coding, 4 poles</td><td></td><td></td><td></td></tr><tr><td>20 82 005 0002</td><td>preLink® M12 connector X-coding, 8 poles</td><td>6.3 ... 8.8 mm</td><td>zinc die-cast</td><td>IP 65/67</td></tr><tr><td>20 82 006 1218</td><td>preLink® connector insert, male, M12 X-coding, 8 poles</td><td></td><td></td><td></td></tr><tr><td>20 82 000 1210</td><td>preLink® M12 housing, empty</td><td>6.3 ... 8.8 mm</td><td>zinc die-cast</td><td>IP 65/67</td></tr></table>				p/n	type	cable diameter	material	degree protection	20 82 500 0001	Ha-VIS preLink® RJ45 Keystone jack w/o preLink block	5 ... 9 mm	zinc die-cast	IP20	20 82 500 0002	Ha-VIS preLink® RJ45 Keystone jack angled w/o preLink block	5 ... 9 mm	zinc die-cast	IP20	20 82 501 0001	Ha-VIS preLink® RJ45 Keystone jack AWG 24-22	5 ... 9 mm	zinc die-cast	IP20	20 82 001 0001	Ha-VIS preLink® RJ45 HIFF jack AWG 24-22	5 ... 9 mm	zinc die-cast	IP20	20 82 001 0002	Ha-VIS preLink® RJ45 HIFF jack AWG 27-26	5 ... 9 mm	zinc die-cast	IP20	20 82 000 0002	Ha-VIS preLink® RJ45 HIFF jack w/o preLink block	5 ... 9 mm	zinc die-cast	IP20	20 82 101 0001	Ha-VIS preLink® extender	5 ... 9 mm	zinc die-cast	IP20	20 82 101 0010	Ha-VIS preLink® RJ45 plug w/o preLink block	5 ... 9 mm	zinc die-cast	IP20	20 82 002 0001	Han® 3 A preLink® RJ45 plug insert	5 ... 9 mm	plastic	IP 65/67	20 82 204 0001	Han® PushPull RJ45 plug plastic	6.3 ... 8.8 mm	plastic	IP 65/67	20 82 104 0001	Han® PushPull RJ45 plug metal	6.3 ... 8.8 mm	zinc die-cast	IP 65/67	20 82 104 0045	Han® PushPull RJ45 plug metal 45°	6.3 ... 8.8 mm	zinc die-cast	IP 65/67						20 82 005 0001	preLink® M12 connector D-coding, 4 poles	6.3 ... 8.8 mm	zinc die-cast	IP 65/67	20 82 005 1214	preLink® connector insert, male, M12 D-coding, 4 poles				20 82 005 0002	preLink® M12 connector X-coding, 8 poles	6.3 ... 8.8 mm	zinc die-cast	IP 65/67	20 82 006 1218	preLink® connector insert, male, M12 X-coding, 8 poles				20 82 000 1210	preLink® M12 housing, empty	6.3 ... 8.8 mm	zinc die-cast	IP 65/67
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F	HARTING logo All rights reserved Department EC PD - DE HARTING Electronics GmbH D-32339 Espelkamp			Scale 1:1 Free size tol. Ref. Sub. Created by ELLERMANN Inspected by DAHMS Standardisation HOFFMANN Date 2014-11-03 State Final Release Title Ha-VIS preLink System Doc-Key / ECM-Nr. 100571828/UGD/001/B 500000081410 Type DS Number 20820000000 Rev. B Page 1/1																																																																																																		
1	2	3	4	5	6	7	8																																																																																															

white/ orange

orange

white/ brown

brown

①

②

⑦

⑧

TIA/EIA 568 B

④

⑤

⑥

③

blue

white/ blue

orange

white/ orange

①

②

⑦

⑧

TIA/EIA 568 B

④

⑤

⑥

③

yellow

orange

x

x

①

②

⑦

⑧

INDUSTRIAL

④

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blue

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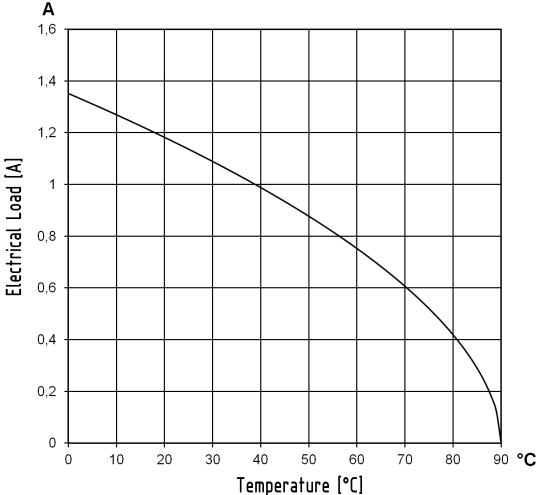
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Control and test procedures according to DIN IEC 60512-5



	All Dimensions in mm Original Size DIN A3	Scale 1:1	Free size tol.			Ref.	
					Sub.		
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	Department EC PD - DE	Title Ha-VIS preLink System					Doc-Key / ECM-Nr. 100571828/UGD/001/B 500000081410
	HARTING Electronics GmbH D-32339 Espelkamp	Type DS	Number 20820000000				Rev. B

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru