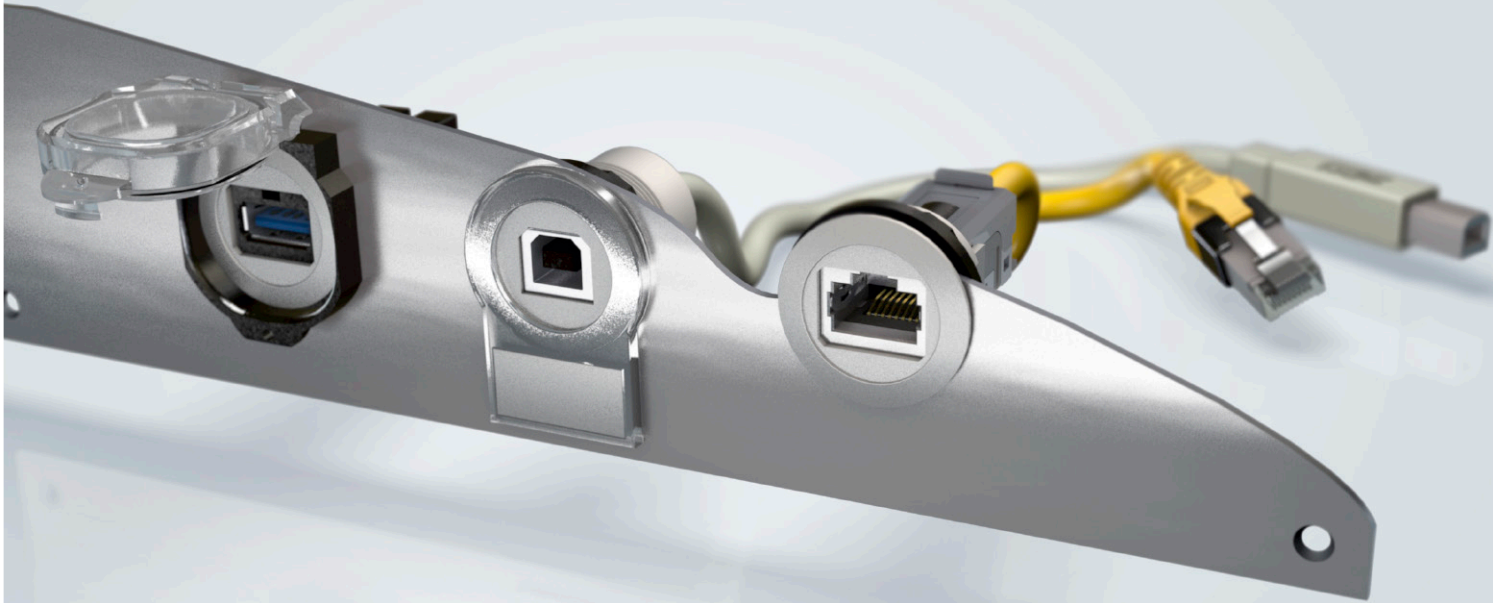




Pushing Performance



People | Power | Partnership

# **HARTING Selection Guide**

## *har-port* Service Interfaces

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# HARTING Selection Guide

## *har*-port service interfaces

HARTING's *har*-port offers a sophisticated and visually appealing system for service interfaces to industrial machinery, switch cabinets, medical and building services technology.

In addition to time-saving installation with pre-connected patch cables, the wide range of accessories is particularly impressive: from snap-on label holders to protective covers in IP65 / IP67.

### *har*-port

#### Easy access for service personnel.

Practical accessories (protective covers in IP65 / IP67 and label holders that can be snapped on retroactively)

Standard 22.5 mm diameter mounting cutout

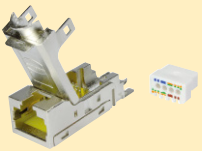
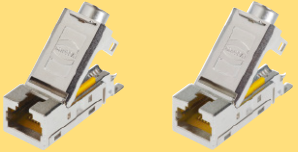
Simple mounting with central fastening nut

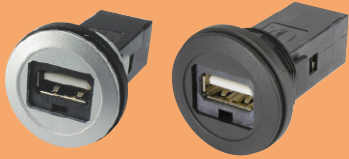
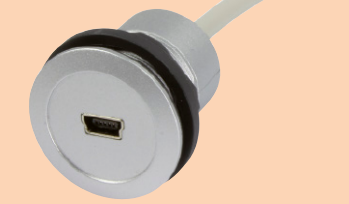
USB 2.0 and 3.0

RJ45 Cat. 6

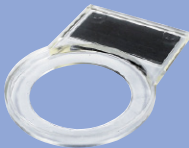
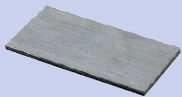
- Usable for Ethernet 1/10 Gbit or USB 2.0 / 3.0
- Simple mounting with the M22 central fastening
- Practical accessories



|                                   | Pictures                                                                            | Characteristics                                                   |                                                                                                                                                                                                                                          | Part number                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| har-port RJ45 Ethernet Interfaces |    | Ethernet interface RJ45 jack – RJ45 jack                          | har-port RJ45 Cat. 6 service interface                                                                                                                                                                                                   | silver<br>09 45 452 1560                                                                                                                                                                                                                                                                                                                                     | black<br>09 45 452 1561                                                                                                                                                                                                                                                                                                                                     |
|                                   |    | Ethernet interface RJ45 jack – RJ45 connector                     | har-port RJ45 Cat. 6 <sub>A</sub> service interface<br>Length: 0.15 m<br>0.2 m<br>0.3 m<br>0.4 m<br>0.5 m<br>0.6 m<br>0.7 m<br>0.8 m<br>0.9 m<br>1.0 m<br>1.5 m<br>2.0 m<br>2.5 m<br>3.0 m<br>3.5 m<br>4.0 m<br>5.0 m<br>7.5 m<br>10.0 m | silver<br>09 45 452 1500<br>09 45 452 1501<br>09 45 452 1502<br>09 45 452 1503<br>09 45 452 1504<br>09 45 452 1505<br>09 45 452 1506<br>09 45 452 1507<br>09 45 452 1508<br>09 45 452 1509<br>09 45 452 1510<br>09 45 452 1511<br>09 45 452 1512<br>09 45 452 1513<br>09 45 452 1514<br>09 45 452 1515<br>09 45 452 1516<br>09 45 452 1517<br>09 45 452 1518 | black<br>09 45 452 1530<br>09 45 452 1531<br>09 45 452 1532<br>09 45 452 1533<br>09 45 452 1534<br>09 45 452 1535<br>09 45 452 1536<br>09 45 452 1537<br>09 45 452 1538<br>09 45 452 1539<br>09 45 452 1540<br>09 45 452 1541<br>09 45 452 1542<br>09 45 452 1543<br>09 45 452 1544<br>09 45 452 1545<br>09 45 452 1546<br>09 45 452 1547<br>09 45 452 1548 |
|                                   |  | Coupler housing to build up customer specific Ethernet interfaces | har-port coupler housing (for all HIFF compatible modules)                                                                                                                                                                               | silver<br>09 45 452 0000                                                                                                                                                                                                                                                                                                                                     | black<br>09 45 452 0001                                                                                                                                                                                                                                                                                                                                     |
|                                   |  | RJ45 cable jacks with IDC termination                             | HARTING RJ45 HIFF cable jack, Cat. 5, AWG 24-22, 4 poles                                                                                                                                                                                 | 09 45 545 1120                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                             |
|                                   |                                                                                     |                                                                   | HARTING RJ45 HIFF cable jack, Cat. 6 <sub>A</sub> , AWG 28-24, 8 poles                                                                                                                                                                   | 09 45 545 1561                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                             |
|                                   |                                                                                     |                                                                   | HARTING RJ45 HIFF cable jack, Cat. 6 <sub>A</sub> , AWG 24-22, 8 poles                                                                                                                                                                   | 09 45 545 1562                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                             |
|                                   |  | RJ45 cable jacks with preLink® IDC termination                    | Ha-VIS preLink® RJ45 HIFF jack, Cat. 6 <sub>A</sub> incl. cable termination AWG 23-22                                                                                                                                                    | 20 82 001 0001                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                             |
|                                   |                                                                                     |                                                                   | Ha-VIS preLink® RJ45 HIFF jack, Cat. 6 <sub>A</sub> without cable termination                                                                                                                                                            | 20 82 000 0002                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                             |
|                                   |  |                                                                   | Ha-VIS preLink® terminal module AWG 23-22                                                                                                                                                                                                | 20 82 000 0001                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                             |
|                                   |                                                                                     |                                                                   | Ha-VIS preLink® terminal module AWG 27-26                                                                                                                                                                                                | 20 82 000 0003                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                             |
|                                   |  |                                                                   | Ha-VIS preLink® assembly tool                                                                                                                                                                                                            | 20 82 000 9901                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                             |
|                                   |  |                                                                   | Unlocking tool to open RJ45 jack modules                                                                                                                                                                                                 | 20 82 000 9916                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                             |

|                         | Pictures                                                                            | Characteristics                                          |                                                                                | Part number                                                                                                                                  |                                                                                        |
|-------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| har-port USB-Interfaces |    | USB – Interface type A jack – type A jack                | har-port USB 2.0 A-A service interface                                         | silver<br>09 45 452 1901                                                                                                                     | black<br>09 45 452 1903                                                                |
|                         |    |                                                          | har-port USB 3.0 A-A service interface                                         | 09 45 452 1902                                                                                                                               | 09 45 452 1904                                                                         |
|                         |    | USB 2.0 – Interface type A jack – type A connector       | har-port USB 2.0 A-A service interface<br>Length:                              | silver<br>09 45 452 1927                                                                                                                     | black<br>09 45 452 1960                                                                |
|                         |                                                                                     |                                                          | 0.15 m<br>0.4 m<br>0.5 m<br>1.0 m<br>1.5 m<br>2.0 m<br>3.0 m<br>4.0 m<br>5.0 m | 09 45 452 1928<br>09 45 452 1920<br>09 45 452 1921<br>09 45 452 1922<br>09 45 452 1923<br>09 45 452 1924<br>09 45 452 1926<br>09 45 452 1925 | 09 45 452 1961<br>09 45 452 1962<br>09 45 452 1963<br>09 45 452 1964<br>09 45 452 1965 |
|                         |   | USB 2.0 – Interface 2x type A jack – 2x type A connector | har-port USB 2.0 A-A service interface silver<br>Length:                       | 09 45 452 1950<br>09 45 452 1951<br>09 45 452 1952<br>09 45 452 1953<br>09 45 452 1954<br>09 45 452 1955                                     |                                                                                        |
|                         |                                                                                     |                                                          | 0.5 m<br>1.0 m<br>1.5 m<br>2.0 m<br>3.0 m<br>5.0 m                             |                                                                                                                                              |                                                                                        |
|                         |  | USB 2.0 – Interface type B jack – type B connector       | har-port USB 2.0 B-B service interface silver<br>Length:                       | 09 45 452 1910<br>09 45 452 1911<br>09 45 452 1912<br>09 45 452 1913<br>09 45 452 1914<br>09 45 452 1916<br>09 45 452 1915                   |                                                                                        |
|                         |                                                                                     |                                                          | 0.5 m<br>1.0 m<br>1.5 m<br>2.0 m<br>3.0 m<br>4.0 m<br>5.0 m                    |                                                                                                                                              |                                                                                        |
|                         |  | USB 3.0 – Interface type A jack – type A connector       | har-port USB 3.0 A-A service interface<br>Length:                              | silver<br>09 45 452 1930                                                                                                                     | black<br>09 45 452 1970                                                                |
|                         |                                                                                     |                                                          | 0.5 m<br>1.0 m<br>1.5 m<br>2.0 m<br>3.0 m                                      | 09 45 452 1931<br>09 45 452 1932<br>09 45 452 1933<br>09 45 452 1934                                                                         | 09 45 452 1971<br>09 45 452 1972<br>09 45 452 1973<br>09 45 452 1974                   |
|                         |  | USB 2.0 – Interface type mini-B jack – type A connector  | har-port USB 2.0 Mini-B-A service interface silver<br>Length:                  | 09 45 452 1940                                                                                                                               |                                                                                        |
|                         |                                                                                     |                                                          | 0.5 m                                                                          |                                                                                                                                              |                                                                                        |



|                                     | Pictures                                                                            | Characteristics                                                     |                                                                     | Part number    |
|-------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
| har-port audio and video Interfaces |    | Audio interface 3.5 mm stereo phone jack, jack to connector         | har-port audio interface phone jack 3.5 mm, silver<br>Length: 1.0 m | 09 45 452 1000 |
|                                     |                                                                                     |                                                                     | har-port audio interface phone jack 3.5 mm, silver<br>Length: 2.0 m | 09 45 452 1001 |
|                                     |    | HDMI video interface                                                | har-port video interface HDMI service interface, silver             | 09 45 452 1010 |
|                                     |                                                                                     |                                                                     |                                                                     |                |
| har-port Accessories                |    | Dust and water protection in IP65 / IP67                            | har-port protection cover IP65 / IP67, black                        | 09 45 502 0000 |
|                                     |   | Protects the har-port interfaces against unauthorised use           | har-port sealing cover                                              | 09 45 502 0001 |
|                                     |  | Can be mounted later on                                             | har-port label holder                                               | 09 45 502 0002 |
|                                     |  | Self-adhesive and inscribable                                       | har-port label for har-port label holder<br>09 45 502 0002          | 09 45 502 0003 |
|                                     |  | To close unused har-port wall breaks                                | har-port blind cover IP65 / IP67                                    | 09 45 502 0004 |
|                                     |  | Dust and water protection in IP65 / IP67<br><br>Robust and sealable | har-port protection cover IP65 / IP67 transparent                   | 09 45 502 0005 |
|                                     |                                                                                     |                                                                     | black                                                               | 09 45 502 0008 |
|                                     |  | Dust and water protection in IP65 / IP67 / IPx9k<br><br>Very robust | har-port protection cover IP65 / IP67 / IPx9k metal                 | 09 45 502 0006 |



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