

# electrical designer eXtender

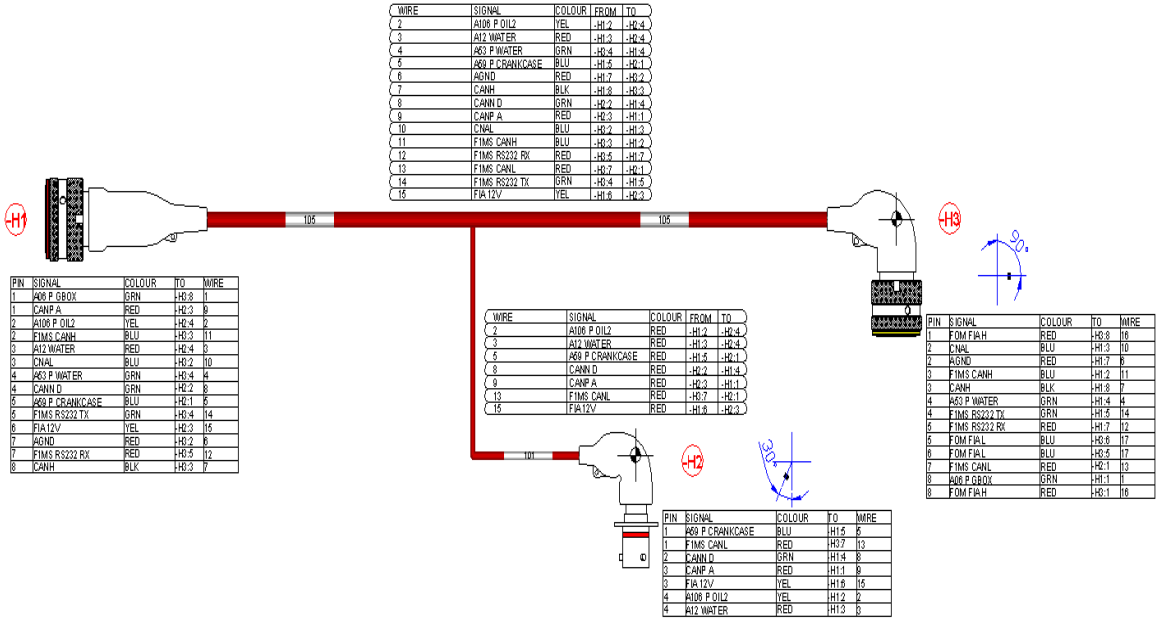
## AutoCAD Electrical® eXtender: Harness

### Overview:

This module seeks to provide customers with more specialist tools for the design and maintenance of multi-conductor harnesses.

Whilst AutoCAD Electrical has the ability to link with Autodesk Inventor Professional or indeed other 3D modelling software to export its wiring information to produce harness, cable or nailboard diagrams based on the 3D model, many customers do not want to go this length. Indeed quite often customers only need to produce simplified harness, cable or nailboard diagrams without necessarily drawing the associated schematics.

The Harness software facilitates this requirement but also allows connection information defined in the electrical schematics to automate the harness production.



### Benefits


Automates the production of harness diagrams without the requirement to produce 3D models  
 Better quality documentation ultimately means better quality, less error prone, quicker production  
 Easier to understand documentation for production, manufacturing or indeed customers

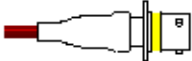
# AutoCAD Electrical® eXtender: Harness

## Features

The user will be able to create harness drawings within their standard electrical projects. Harness allows the insertion of connectors that can be connected up with cables. Cables can be designed within the drawing from a simple interface or indeed connections information can be imported from the schematics allowing the user to define and display all the information related to the internal make up of the cables.

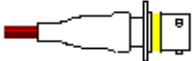
Harness Connector Report HARNESS\_EX3 Date 03/06/2008





**-H1**  
No Manufacturer data assigned  
No Part data assigned

Pin Description	Pin	Wire N°	To Connection
26M	1	1 9	-H3:8 -H2:3
26M	2	2 11	-H2:4 -H3:3
ETH(26)	3	3 10	-H2:4 -H3:2
26M	4	4 8	-H3:4 -H2:2
26M	5	5 14	-H2:1 -H3:4
26M	6	NC 15	Spare -H2:3
ETH(26)	7	6 12	-H3:2 -H3:5
Spare	8	7 NC	-H3:3 Spare



**-H2**  
Manufacturer: BICC  
Part No: RZE70

Pin Description	Pin	Wire N°	To Connection
Spare	1	5 13	-H1:5 -H3:7
Spare	2	8 NC	-H1:4 Spare

Some of the features are as follows:

- Automatic connection tables displayed beside connectors, providing information on connector pin connections, and conductor properties including colour and signal.
- Automatic cable tables providing information on conductors passing through a specific cable including colour, signal, free/spare conductors.
- Automatic cable specific reports including cable size, manufacturer part data and accessory requirements, length, voltage, etc

# AutoCAD Electrical® eXtender: Harness

## Technical requirements

AutoCAD Electrical 2008, AutoCAD Electrical 2009 or AutoCAD Electrical 2010

## System Requirements

Please refer to the Autodesk web site for the system specification:

<http://www.autodesk.co.uk/adsk/servlet/index?siteID=452932&id=10629653>

## Versions

Standalone or network (concurrent) licenses available.



## for further information or to request a demonstration:

### ACERI

Vendelier 61  
3905 PD Veenendaal  
Nederland

Benelux please email [info@Aceri.nl](mailto:info@Aceri.nl) or call 0031 (0) 318 616 924

All other countries [sales@aceri.com](mailto:sales@aceri.com) or call 0034 (0) 934 531 206

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