



APPLICATION NOTE

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Product Family: All

Number: AN-SEN-011

Subject: Sensor cable cross-reference document

Date Issued: 1-10-08

Revision: Original

Parts required:

-None

PROCEDURE

Instructions for use: Scroll down to find sensor part # on the left, then Press and hold the Ctrl key and select the Group link to jump to the Group and then select the cable.

Note: Cutler-Hammer Enhanced 50 Series has correct cables listed with each sensor in Catalog

PVC = (polyvinyl chloride) jacket for typical industrial applications

PUR = (polyurethane) jacket for oily and direct sunlight applications

x = N, P, or 0

AE1-Ax-1A 2-meter cable attached

AE1-Ax-1H [Group 1](#)

AE1-Ax-1F [Group 3](#)

AE1-Ax-2A 2-meter cable attached

AE1-Ax 2H [Group 1](#)

AE1-Ax-2F [Group 3](#)

AE1-Ax-3A 2-meter cable attached

AE1-Ax-3F [Group 3](#)

AE1-Ax-4A 2-meter cable attached

AE1-Ax-4F [Group 3](#)

AE1-Ax-5A 2-meter cable attached

AE1-Ax-5F [Group 3](#)

AE6-Ax-3A 2-meter cable attached

AE6-Ax-3F [Group 3](#)

AE6-Ax-4A 2-meter cable attached

AE6-Ax-4F [Group 3](#)



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AE9-10-1A
AE9-10-1F

2-meter cable attached
[Group 3](#)

AK1-Ax-1A
AK1-Ax-1H
AK1-Ax-2A
AK1-Ax-2H
AK1-Ax-3A
AK1-Ax-3H
AK1-Ax-4A
AK1-Ax-4H

2-meter cable attached
[Group 1](#)
2-meter cable attached
[Group 1](#)
2-meter cable attached
[Group 1](#)
2-meter cable attached
[Group 1](#)

AK9-xx-1A
AK9-xx-1H

2-meter cable attached
[Group 2](#)

AM1-Ax-1A
AM1-Ax-1H
AM1-Ax-2A
AM1-Ax-2H
AM1-Ax-3A
AM1-Ax-3H
AM1-Ax-4A
AM1-Ax-5H

2-meter cable attached
[Group 1](#)
2-meter cable attached
[Group 1](#)
2-meter cable attached
[Group 1](#)
2-meter cable attached
[Group 1](#)

AM6-Ax-3A
AM6-Ax-3H
AM6-Ax-4A
AM6-Ax-4H

2-meter cable attached
[Group 1](#)
2-meter cable attached
[Group 1](#)

AM9-xx-1A
AM9-xx-1H

2-meter cable attached
[Group 2](#)

APS4 (all part numbers) 2-meter cable attached

AT1-Ax-1A
AT1-Ax-1H
AT1-Ax-2A
AT1-Ax-2H
AT1-Ax-3A
AT1-Ax-3H
AT1-Ax-4A
AT1-Ax-4H

2-meter cable attached
[Group 1](#)
2-meter cable attached
[Group 1](#)
2-meter cable attached
[Group 1](#)
2-meter cable attached
[Group 1](#)



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AT9-xx-1A	2-meter cable attached
AT9-xx-1H	Group 2
BX80B/S-1x-0H	Group 2
CR5-Ax-1A	2-meter cable attached
CR5-Ax-1F	Group 3
CR5-Ax-2A	2-meter cable attached
CR5-Ax-2F	Group 3
CR8-Ax-1A	2-meter cable attached
CR8-Ax-1F	Group 3
CR8-Ax-2A	2-meter cable attached
CR8-Ax-2F	Group 3
CR8-Ax-3A	2-meter cable attached
CR8-Ax-3F	Group 3
CT1 (all part numbers)	2-meter cable attached
CXE-0N-1A	2-meter cable attached
CXE-0N-1F	Group 3
CXP-Ax-1A	2-meter cable attached
CXP-Ax-1F	Group 3
CXR-Ax-1A	2-meter cable attached
CXR-Ax-1F	Group 3
CX3-Ax-1A	2-meter cable attached
CX3-Ax-1F	Group 3
CX5-Ax-1A	2-meter cable attached
CX5-Ax-1F	Group 3
C5D-Ax-1A	2-meter cable attached
C5D-Ax-1F	Group 3
C5D-Ax-2A	2-meter cable attached
C5D-Ax-3A	2-meter cable attached
C5E-0N-1A	2-meter cable attached
C5E-0N 1F	Group 3



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C5R-Ax-1A C5R-Ax-1F	2-meter cable attached Group 3
C18B-Ax-xA C18B-Ax-xE C18D-Ax-xA C18D-Ax-xE C18E-0x-xA C18E-0x-xE C18P-Ax-xA C18P-Ax-xE C18R-Ax-xA C18R-Ax-xE	2-meter cable attached Group 1 2-meter cable attached Group 1 2-meter cable attached Group 1 2-meter cable attached Group 1 2-meter cable attached Group 1 2-meter cable attached Group 1
DFP-Ax-1A DFP-Ax-1F	2-meter cable attached Group 4
DFT-Ax-1A DFT-Ax-1F	2-meter cable attached Group 4
DME-00-1A DME-00-1H	2-meter cable attached Group 1
DMP-0x-1A DMP-0x-1H	2-meter cable attached Group 2
DMR-0x-1A DMR-0x-1H	2-meter cable attached Group 2
DM3-0x-1A DM3-0x-1H	2-meter cable attached Group 2
DM7-0x-1A DM7-0x-1H	2-meter cable attached Group 2
DR10-Ax-1A DR10-Ax-1F DR10-Ax-2A DR10-Ax-2F	2-meter cable attached Group 3 2-meter cable attached Group 3
FAID-Bx-0A FAID-Bx-0E	2-meter cable attached Group 2



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FAIH-00-0A FAIH-00-0E	2-meter cable attached Group 2
FALD-Bx-0A FALD-Bx-0E	2-meter cable attached Group 2
FALH-X0-0A FALH-X0-0E	2-meter cable attached Group 2
FALN-Bx-0A FALN-Bx-0E	2-meter cable attached Group 2
FAL4-Bx-0A FAL4-Bx-0E	2-meter cable attached Group 2
FARN-Bx-0A FARN-Bx-0E	2-meter cable attached Group 2
FARS-Bx-0A FARS-Bx-0E FARS-0x-0A FARS-0x-0E	2-meter cable attached Group 2 2-meter cable attached Group 2
FAI8-Bx-0A FAI8-Bx-0E	2-meter cable attached Group 2
FERHD-0x-0A FERHD-0x-0F	2-meter cable attached Group 3
FERN-0x-0A FERN-0x-0F	2-meter cable attached Group 3
FER8-0x-0A FER8-0x-0F	2-meter cable attached Group 3
FGRHD-DT-0A FGRN-DT-0A FGRW-DT-0A	2-meter cable attached 2-meter cable attached 2-meter cable attached
HEE-00-3A HEE-00-3F	2-meter cable attached Group 3
HER-xx-3A HER-xx-3F	2-meter cable attached Group 3



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MQ0-00-0E	Group 5
MQ1-00-0E	Group 5
MS0-00-0A	2-meter cable attached
MS0-00-0E	Group 2
MS1-00-0A	2-meter cable attached
MS1-00-0E	Group 2
MVE-00-0A	2-meter cable attached
MVE-00-0E	Group 5
MVP-A0-0A	2-meter cable attached
MVP-A0-0E	Group 5
MVR-A0-0A	2-meter cable attached
MVR-A0-0E	Group 5
MV2-A0-0A	2-meter cable attached
MV2-A0-0E	Group 5
MV4-A0-0A	2-meter cable attached
MV4-A0-0E	Group 5
MV6-A0-0A	2-meter cable attached
MV6-A0-0E	Group 5
PD1-Ax-1A	2-meter cable attached
PD1-Ax-1F	Group 3
PD1-Ax-3A	2-meter cable attached
PD1-Ax-3F	Group 3
PKW-0x-1H	Group 2
PKW-0x-2H	Group 2
PKW-Ax-5A	2-meter cable attached
PKW-Ax-5H	Group 1
PMW-0x-1H	Group 2
PMW-0x-2H	Group 2
PMW-Ax-5A	2-meter cable attached
PMW-Ax-5H	Group 1
PTW-Ax-5A	2-meter cable attached
PTW-Ax-5H	Group 1



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PY3 (all part numbers) 2-meter cable attached
PY4 (all part numbers) 2-meter cable attached

QXP-A0-1A or 2A 2-meter cable attached
QXP-A0-1E or 2E [Group 2](#)

QXR-A0-1A or 2A 2-meter cable attached
QXR-A0-1E or 2E [Group 2](#)

QXX-00-1A or 2A 2-meter cable attached
QXX-00-1E or 2E [Group 2](#)

QX3-A0-1A or 2A 2-meter cable attached
QX3-A0-1E or 2E [Group 2](#)

SSE-00-4A 2-meter cable attached
SSE-00-4E [Group 2](#)

SSF-0x-0A 2-meter cable attached
SSF-0x-0E [Group 2](#)

SSP-0x-4A 2-meter cable attached
SSP-0x-4E [Group 2](#)

SSR-0x-4A 2-meter cable attached
SSR-0x-4E [Group 2](#)

SS2-0x-4A 2-meter cable attached
SS2-0x-4E [Group 2](#)
SS5-0x-4A 2-meter cable attached
SS5-0x-4E [Group 2](#)
SS6-0x-4A 2-meter cable attached
SS6-0x-4E [Group 2](#)

SU1-xx-0A 2-meter cable attached
SU1-xx-0E [Group 2](#)
SU2-xx-0A 2-meter cable attached
SU2-xx-0E [Group 2](#)

TU1 (all part numbers) [Group 2](#)

UHZ (all part numbers) 2-meter cable attached

VK1-A0-1B 2-meter cable attached



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VK1-A0-1H [Group 5](#)
 VK1-A0-2B 2-meter cable attached
 VK1-A0-2H [Group 5](#)

VM1-A0-1B 2-meter cable attached
 VM1-A0-1H [Group 5](#)
 VM1-A0-2B 2-meter cable attached
 VM1-A0-2H [Group 5](#)

VT1-A0-1B 2-meter cable attached
 VT1-A0-2B 2-meter cable attached

Key to Cable Groups

Group 1: All M12-connector models, 3- and 4-wire (fits 5-pin connectors)

2-meter straight	CD12L-0B-020-A0
2-meter right-angle	CD12L-0B-020-C0
5-meter straight (PVC)	CD12M-0B-050-A1
(Polyurethane)	CD12M-0D-050-A1
5-meter right-angle (PVC)	CD12M-0B-050-C1
(Polyurethane)	CD12M-0D-050-C1
7-meter straight	CD12M-0B-070-A1
7-meter right-angle	CD12M-0B-070-C1
Extension cables	
1-meter straight	CDP12-0B-010-AA
1-meter right-angle	CDP12-0B-010-BB
3-meter straight	CDP12-0B-030-AA
3-meter right-angle	CDP12-0B-030-BB

Group 2: M12 connector, 4-wire only

2-meter straight	CD12L-0B-020-A0
2-meter right-angle	CD12L-0B-020-C0
7-meter straight	CD12M-0B-070-A1
7-meter right-angle	CD12M-0B-070-C1
Extension cables	



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1-meter straight	CDP12-0B-010-AA
1-meter right-angle	CDP12-0B-010-BB
3-meter straight	CDP12-0B-030-AA
3-meter right-angle	CDP12-0B-030-BB

Group 3: M8 connector, 3-pin

2-meter straight	CD08-0A-020-A1
2-meter right-angle	CD08-0A-020-C1
5-meter straight (PVC)	CD08-0A-050-A1
(polyurethane)	CD08-0C-050-A1
5-meter right-angle (PVC)	CD08-0A-050-C1
(polyurethane)	CD08-0C-050-C1
7-meter straight	CD08-0A-070-A1
7-meter right-angle	CD08-0A-070-C1
Extension cables, M8	
1-meter straight	CDP08-0A-010-AA
1-meter right-angle	CDP08-0A-010-BB
3-meter straight	CDP08-0A-030-AA
3-meter right-angle	CDP08-0A-030-BB

Group 4: M8 connector, 4-pin, DFT/DFP sensors ONLY

2-meter straight	CD08-0G-020-A1
2-meter right-angle	CD08-0W-020-C1
5-meter straight	CD08-0G-050-A1
5-meter right-angle	CD08-0W-050-C1
10-meter straight	CD08-0G-100-A1
10-meter right-angle	CD08-0W-100-C1
No Extension Cables	

Group 5: M12 cables for 120V sensors, 4-pin

2-meter straight	CD12L-0B-020-A0
2-meter right-angle	CD12L-0B-020-C0
7-meter straight	CD12M-0B-070-A1
7-meter right-angle	CD12M-0B-070-C1



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No Extension Cables

Technical

Assistance: If you have questions regarding this Application Note, please contact us at 770-844-4200 for further assistance.