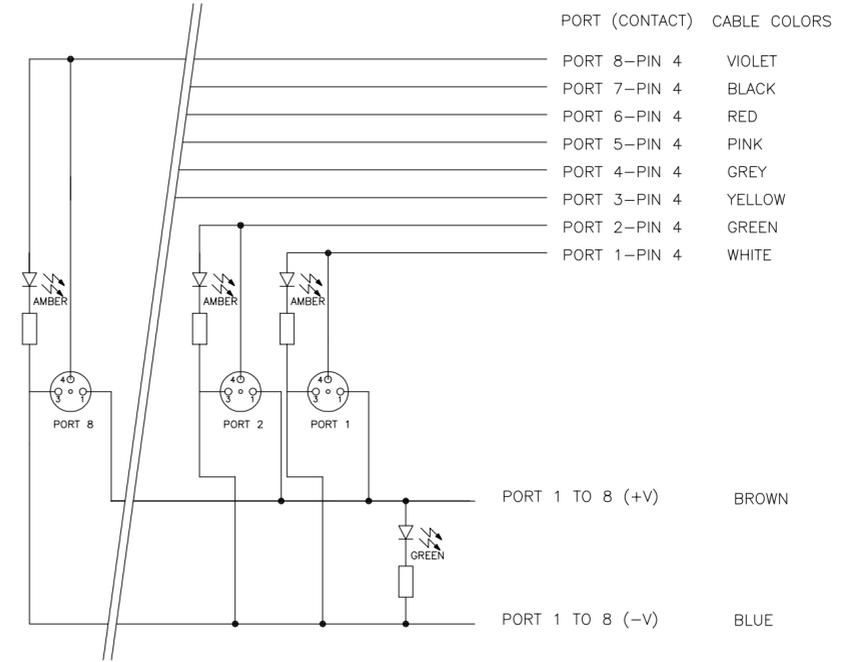
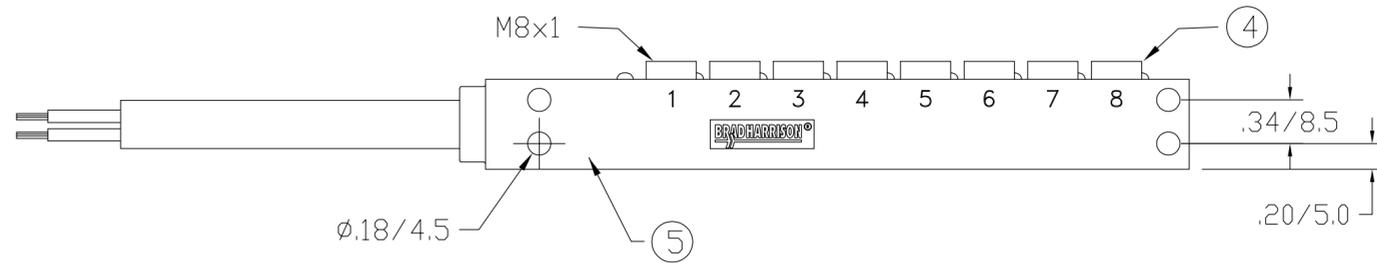
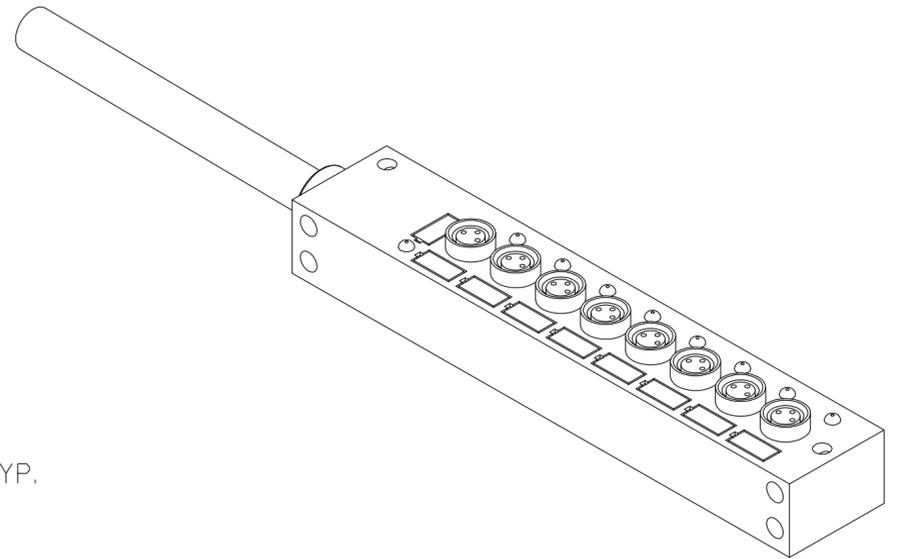
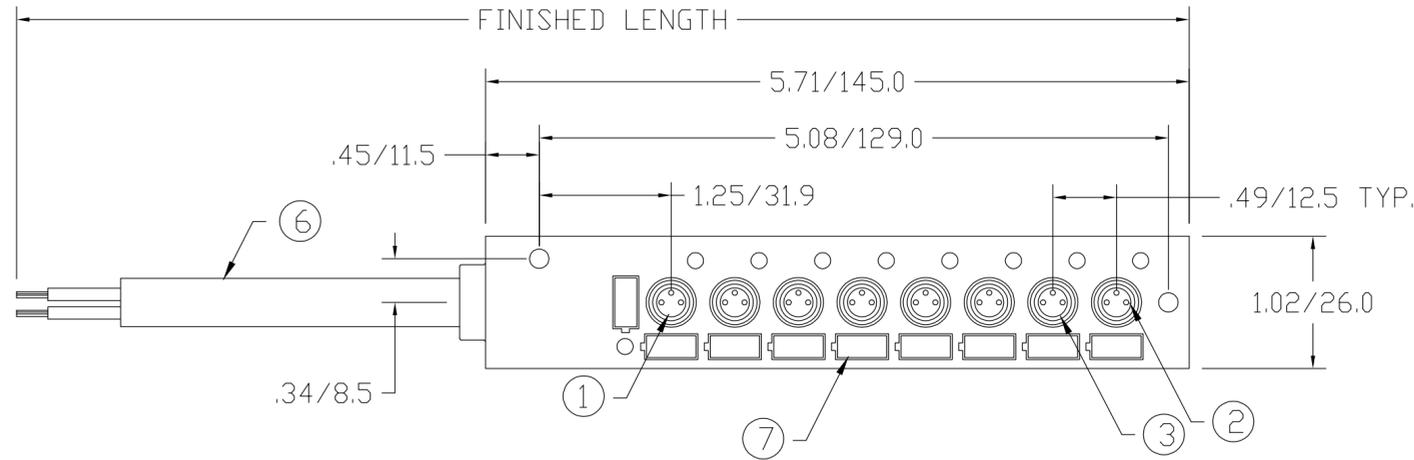


| | | | | | | | | | | | | |
|------------------------|------------------------|-----------------------------------|----|---|---|---|---|---|---|---|---|---|
| 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| MATERIAL NUMBER | OLD PART NUMBER | FINISHED LENGTH | | | | | | | | | | |
| 120113-0014 | BEY801P-FBP-05 | 16.40' +6.50" -0 [5.0M +165.1 -0] | | | | | | | | | | |



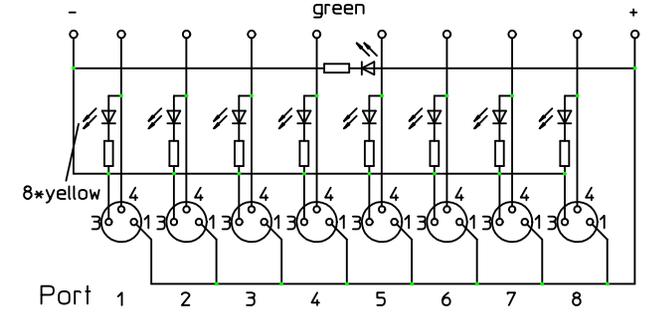
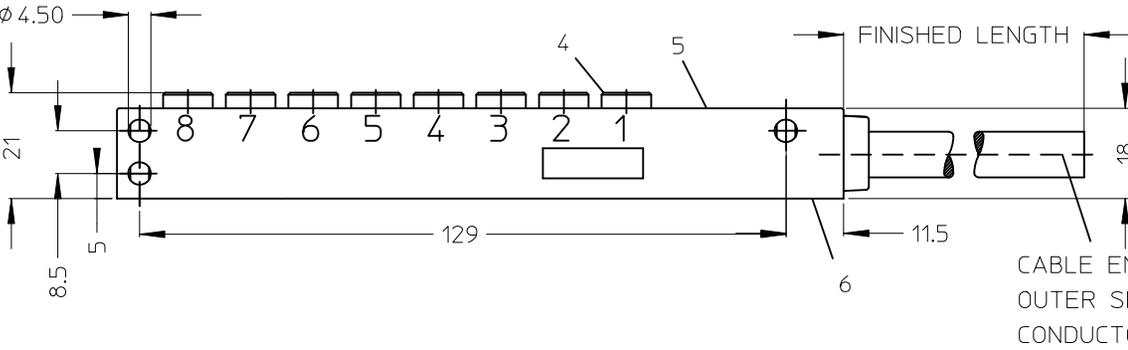
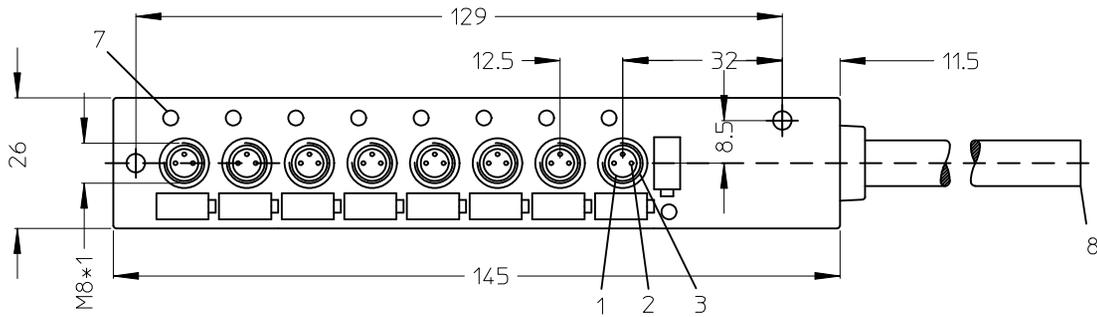
WIRING DIAGRAM

| ITEM | COMPONENT | MATERIAL | FINISH |
|------|--|--------------|------------------|
| 1 | INSERT | POLYESTER | YELLOW |
| 2 | CONTACT SOCKET | COPPER ALLOY | GOLD OVER NICKEL |
| 3 | O-RING | VITON | RED |
| 4 | RECEPTACLE SHELL | BRASS | NICKEL PLATED |
| 5 | HOUSING | NYLON | YELLOW |
| 6 | CABLE- 18AWG, 2 CONDUCTOR; 22 AWG, 8 CONDUCTOR, 300V | PVC | YELLOW |
| 7 | LABEL | ABS | WHITE |

| | |
|--------------------------|---------------|
| VOLTAGE RATING | 10-30 VDC |
| AMPERAGE RATING PER PORT | 2 AMPS |
| PROTECTION | IP67 |
| OPERATING TEMPERATURE | -20°C TO 90°C |

| | | | | | | | | | |
|---|----------------|--|------------------|---------------------|---|--|----------------------------|------------------------|--|
| RELEASE DRAWING EC NO: WEU2010-0058 DRWN: LHARTMAN 8/19/09 CH'KD: BWOODMAN 2009/08/21 APPR: JFMURPHY 2009/08/21 | QUALITY SYMBOL | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | ▽=0 | 4 PLACES | mm INCH | IN/MM | | NTS | METRIC | | |
| | ∇=0 | 3 PLACES | ±--- ±--- | DRAWN BY DATE | | TITLE | | | |
| | | 2 PLACES | ±--- ±.01 | LHARTMAN 2009/08/21 | | NANO-CHANGE MPIS 8 PORT PNP SIDE ENTRY 5 METER PUR CABLE | | | |
| | 1 PLACE | ±0.3 ±--- | CHECKED BY DATE | | MOLEX INCORPORATED | | | | |
| | | ANGULAR ±---° | APPROVED BY DATE | | MATERIAL NO. SEE CHART | | DOCUMENT NO. SD-120113-003 | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SIZE C | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | SHEET NO. 1 OF 1 | | |

| SAP-NUMBER | OLD PART NUMBER | FINISHED LENGTH |
|------------|-----------------|-----------------|
| 1201130014 | BEY801P-FBP-05 | 5000 |
| 1201130015 | BEY801P-FBP-10 | 10000 |



| Contact configuration | wire colour | | wire mm ² | Port | M8 connector Contact-No. |
|-----------------------|-------------|------|----------------------|------|--------------------------|
| | brown (+) | | 0.75 | 1-8 | 1 |
| | blue (-) | | 0.75 | 1-8 | 3 |
| | white | | 0.34 | 1 | 4 |
| | green | | 0.34 | 2 | 4 |
| | yellow | | 0.34 | 3 | 4 |
| | grey | | 0.34 | 4 | 4 |
| | pink | | 0.34 | 5 | 4 |
| | red | | 0.34 | 6 | 4 |
| black | | 0.34 | 7 | 4 | |
| violet | | 0.34 | 8 | 4 | |

CLOSURE CAP

SAP no. 1203080677
Quantity 2

| | |
|--------------------------|--------------------------------|
| VOLTAGE RATING | 10 - 30 VDC |
| AMPERAGE RATING PER PORT | 2 A MAX/PORT 6 A MAX. TOTAL |
| PROTECTION | IP 67 |
| OPERATING TEMPERATURE | -25°C / +90 °C |

| ITEM | COMPONENT | MATERIAL | FINISH |
|------|------------------|----------|------------------|
| 1 | INSERT | PUR | BLACK |
| 2 | CONTAC SOCKET | BRASS | GOLD OVER NICKEL |
| 3 | O-RING | VITON | --- |
| 4 | RECEPTACLE SHELL | BRASS | NICKEL PLATED |
| 5 | HOUSING | PBT | YELLOW |
| 6 | LABEL | ABS | WHITE |
| 7 | LENS | PA | CLEAR |
| 8 | CABLE | PUR | --- |

NEW RELEASE
EC NO: WEU2010-0248
DRWN:SBH 2010/01/08
CHKD:APOHL WEU 2010/01/08
APPR:NSTAUDIGEL 2010/01/29

DESCRIPTION

QUALITY SYMBOLS
 = 0
 = 0

| | GENERAL TOLERANCES (UNLESS SPECIFIED) | |
|----------------|---------------------------------------|-------|
| | mm | INCH |
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± --- | ± --- |
| 1 PLACE | ± 0.3 | ± --- |
| ANGULAR ± ---° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY: SBH
DATE: 2010/01/08

CHECKED BY: APOHL WEU
DATE: 2010/01/08

APPROVED BY: NSTAUDIGEL
DATE: 2010/01/29

MATERIAL NO.

SIZE: **A3**

SCALE: _____ DESIGN UNITS: **METRIC**

THIRD ANGLE PROJECTION

TITLE: **M8-MPIS 8 PORT CABLE
3 POL STRAIGHT OUTLINE**

molex MOLEX INCORPORATED

DOCUMENT NO. **SD-120113-016** SHEET NO. **1 OF 1**

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION