NOTES:
OPERATING VOLTAGE : 12-26 V DC
OPERATING TEMPERATURE : -25°C to + 100°C

1. ALL DIMENSIONS ARE IN mm
2. ALL DIMENSIONS ARE UPTO REAR END OF THE CONNECTOR AND CENTER OF THE EYE-LET TERMINAL UNLESS OTHERWISE SPECIFIED
3. ALL CONNECTORS VIEW SHOWN FROM WIRE ENTRY SIDE UNLESS OTHERWISE SPECIFIED
4. CUSTOMER MATING CONNECTORS TO MEET THE MANUFACTURERS INTERFACE DIMENSIONS
5. FOR CONNECTORS AND CONTACTS MANUFACTURERS PRODUCT SPECIFICATION IS VALID
6. PRINTED STICKER INDICATING CUSTOMER PART NUMBER SHALL BE PROVIDED AS PER LOCATION SHOWN.CONTENTS OF THE LABEL AS PER DEVICE DOC.922
7. ALL THE CABLES SHALL BE COVERED WITH FIRE RETARDANT SLIT TYPE CORRUGATED TUBES (PPFR) OF BLACK COLOR. TUBES ARE SELECTED BASED ON BUNDLE DIAMETER / MANUFACTURING FEASIBILITY.
8. FURTHER TECHNICAL DATA AS PER THE PRODUCT SPECIFICATIONS 4477000432 / 9131000010 (DOC 035) AND REFER MATING ASSEMBLY PRODUCT SPECIFICATION (4410141360 / 9131000041 / 9131000282 (DOC 035))
9. FOR INSTALLATION RESTRICTIONS PLEASE REFER 449 000 000 0 (DOC 011) THE POWER SUPPLY LINES TO BE FUSED IN ACCORDANCE TO ISO/DIS 8820 CABLE DESIGN AND INSTALLATION HAS TO BE CARRIED OUT THAT NO ELECTROMAGNETIC INTERFERENCE OCCURS HOT AIR TO BE DIVERTED AWAY FROM WIRING HARNESS SUITABLY CONNECTOR INSTALLATION / PARKING NOT ALLOWED ON WHEEL COVER / ARCH
10. SPLIT JOINTS / BRANCH NODES- BLACK COLOUR PVC AND COTTON INSULATION TAPES SHALL BE USED, DO 2-3 TURNS OF BLACK COLOUR PVC TAPING AT COT/ PVC TUBE/ GROMMET ENDS AND POINT TAPING ON WIRE BUNDLE FOR EVERY DISTANCE OF 100±50mm
11. DO COTTON INSULATION OF FULL TAPING ON SLIT PORTION OF CORRUGATED TUBE
12. PRINTED STICKER TO BE PROVIDED ON ALL END OF BRANCHES WITH ITS BRANCH NAME.
13. ALL WIRES TO MEET ISO 6722 (CLASS B) & FLAMMABILITY REQUIREMENTS TO MEET ISO 6722, UNLESS OTHERWISE SPECIFIED.
14. COT / PVC TUBE TO MEET FLAMMABILITY REQUIREMENT AS PER UL94,V-2
15. SPLICE JOINTS TO BE MADE BY USW (ULTRASONIC WELDING) METHOD, IF APPLICABLE.
16. CUSTOMER CHOSEN CONNECTOR, ALL LIABILITIES AND CONSEQUENCES BELONGS TO CUSTOMER - (#)
17. TWIST WIRE TO BE TWISTED BY MAX. 30mm/TWIST, IF APPLICABLE.
18. SUITABLE COVER / BOOT TO BE USED FOR ALL CONNECTORS, UNLESS OTHERWISE SPECIFIED - (✳)
19. THE FUNCITONALITY, PERFORMANCE & VALIDATION ARE FULLY DEPEND ON E-COMPRESSOR ASSEMBLY

# INTERMEDIATE MULTI TO SINGLE INLINE CONNECTION ECOMP LV WH PIGTAIL

CONNECTOR : ECONOSEAL HOUSING 8M B
SUPPLIER : TYCO
SUPPLIER P/N : 2307645-1

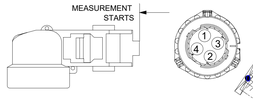
**ADDITIONAL COMPONENTS**

| S.NO. | TYPE | SUPPLIER | SUPPLIER P/N |
|---|---|---|---|
| 1 | SECONDARY LOCK | TYCO | 2307646-1 |
| 2 | COVER / BOOT | - | - |
| 3 | CLIP | TYCO | 368373-1 |
| 4 | IDENTIFICATION LABEL | - | - |

NOTE : THE LPVC BOOT WILL WITHSTAND OPERATING TEMPREATURE UPTO 60 °C

(✳)(#) INLINE CONNECTOR

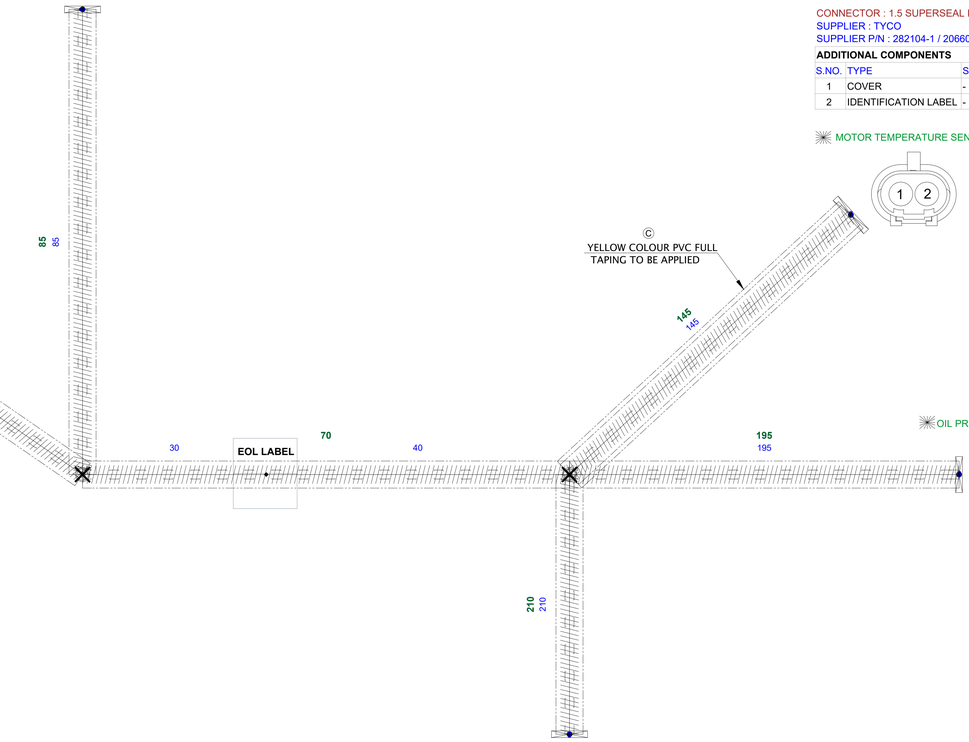
(✳) OIL PRESSURE SWITCH 2 - RIGHT




CONNECTOR : CPC HOUSING 4F B
SUPPLIER : TYCO
SUPPLIER P/N : 1-2349482-1 / 1-967325-1

**ADDITIONAL COMPONENTS**

| S.NO. | TYPE | SUPPLIER | SUPPLIER P/N |
|---|---|---|---|
| 1 | COVER | TYCO | 965576-1 |
| 2 | IDENTIFICATION LABEL | - | - |




CONNECTOR : 1.5 SUPERSEAL HOUSING 2M B
SUPPLIER : TYCO
SUPPLIER P/N : 282104-1 / 2066008-1

**ADDITIONAL COMPONENTS**

| S.NO. | TYPE | SUPPLIER | SUPPLIER P/N |
|---|---|---|---|
| 1 | COVER | - | - |
| 2 | IDENTIFICATION LABEL | - | - |

CONNECTOR : 1.5 SUPERSEAL HOUSING 2M B
SUPPLIER : TYCO
SUPPLIER P/N : 282104-1 / 2066008-1

**ADDITIONAL COMPONENTS**

| S.NO. | TYPE | SUPPLIER | SUPPLIER P/N |
|---|---|---|---|
| 1 | COVER | - | - |
| 2 | IDENTIFICATION LABEL | - | - |

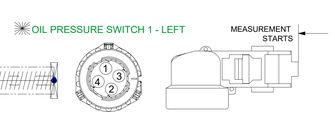
(✳) MOTOR TEMPERATURE SENSOR




Ⓒ YELLOW COLOUR PVC FULL TAPING TO BE APPLIED

145
145

(✳) OIL PRESSURE SWITCH 1 - LEFT




CONNECTOR : CPC HOUSING 4F B
SUPPLIER : TYCO
SUPPLIER P/N : 1-2349482-1 / 1-967325-1

**ADDITIONAL COMPONENTS**

| S.NO. | TYPE | SUPPLIER | SUPPLIER P/N |
|---|---|---|---|
| 1 | COVER | TYCO | 965576-1 |
| 2 | IDENTIFICATION LABEL | - | - |

| VEHICLE MODEL | CUSTOMER OFFER PART NO. | CUSTOMER ALLOTTED ZF PART NO. |
|---|---|---|
| E-VEHICLE | - | NA |

**CIRCUIT TABLE**

| S.NO. | CKT.NO. | WIRE TYPE | CSA | COL. | FROM(A) | CAV.(A) | TO(B) | CAV.(B) |
|---|---|---|---|---|---|---|---|---|
| 1 | WIRE1 | ISO 6722 CLASS B(FLRY-B) | 0.5 | R | INLINE CONNECTOR | 1 | FAN | 1 |
| 2 | WIRE2 | ISO 6722 CLASS B(FLRY-B) | 0.5 | B | INLINE CONNECTOR | 2 | FAN | 2 |
| 3 | WIRE3 | ISO 6722 CLASS B(FLRY-B) | 0.75 | R | INLINE CONNECTOR | 3 | MOTOR TEMPERATURE SENSOR | 1 |
| 4 | WIRE4 | ISO 6722 CLASS B(FLRY-B) | 0.75 | B | INLINE CONNECTOR | 4 | MOTOR TEMPERATURE SENSOR | 2 |
| 5 | WIRE5 | ISO 6722 CLASS B(FLRY-B) | 1 | L | INLINE CONNECTOR | 5 | OIL PRESSURE SWITCH 1 - LEFT | 1 |
| 6 | WIRE6 | ISO 6722 CLASS B(FLRY-B) | 1 | L | INLINE CONNECTOR | 6 | OIL PRESSURE SWITCH 1 - LEFT | 2 |
| 7 | WIRE7 | ISO 6722 CLASS B(FLRY-B) | 1 | L | INLINE CONNECTOR | 7 | OIL PRESSURE SWITCH 2 - RIGHT | 1 |
| 8 | WIRE8 | ISO 6722 CLASS B(FLRY-B) | 1 | L | INLINE CONNECTOR | 8 | OIL PRESSURE SWITCH 2 - RIGHT | 2 |

| TOLERANCES | |
|---|---|
| UPTO 200 | +10 |
| 201-500 | +20 |
| 501-700 | +30 |
| 701-1000 | +40 |
| 1001-2000 | +80 |
| > 2000 | >3% |

| SYMBOL | SYMBOL DESCRIPTION |
|---|---|
| | SPACE TAPE |
| | SPIRAL / ROUGH TAPE |
| | FULL / OVERLAP TAPE |
| | POINT / SPOT TAPE |
| | JUNCTION COTTON TAPE |
| | COT TUBE |
| S | SPLICE |
| | WIRE BUNDLE |
| | JUNCTION PVC TAPE |
| | BRAID TUBE |
| | PVC TUBE |

| COLOR CODE | COLOR DESCRIPTION |
|---|---|
| B | BLACK |
| BR | BROWN |
| G | GREEN |
| GR | GREY |
| L | BLUE |
| LG | LIGHT GREEN |
| O | ORANGE |
| P | PINK |
| R | RED |
| SB | SKY BLUE |
| V | VIOLET |
| W | WHITE |
| Y | YELLOW |
| N | NATURAL |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|---|---|---|---|
| Date | Signature | | |
| Drawn 2025-05-07 | Rajkamal B | | |
| Checked 2025-05-07 | Asfar | | |

General Specification: ISO 8015, ZF-DIN-A, Iso ISO 14405 LP
Further Technical Data: 447 700 043 2
DIN. Code: 035 | Sheet 01 | To 12
General Tolerances JED-2501
Dimensions in mm

| Class | 11 | Range of nominal dimensions in mm: ≤ 30 | > 30 ≤ 180 | > 180 ≤ 400 | > 400 ≤ 1000 | |
|---|---|---|---|---|---|---|
| Fine | | ±0.5 | ±1 | ±1.5 | ±2 | ±3° |
| Medium | | ±1 | ±2 | ±3 | ±4 | |
| Coarse | | ±2 | ±3.5 | ±5 | ±6.5 | |

Tripped Holes acc.
Tolerance Class Applied Crosshatched

Mass: 1/10 | Scale: NTS | Material No.: 447 700 043 2 | Date of first issue: 2022-12-09 | Doc.Code: 005 | Language: EN | Sheet: 1/1
Size: A 0 | CAD System: CH-XC | ECN No.: 518555 | Revision: 1 C | Techn. Resp.: 6391_WH | Replacement for: -

ZF

**WIRING HARNESS ECOMP - LV PIGTAIL**

100mm