

EconoGrade™



2 PIN ABS SENSOR EXTENSION CABLES

CONNECTIVITY...WITHOUT THE COST.

AMPHENOL SINE SYSTEMS newest series of EconoGrade™ Connectors and Cables was created in response to the overwhelming need for an economic alternative to today's existing 2 Pin ABS product options. Designed specifically as a low-cost, high-performance alternative, intermateable to most 2 Pin ABS sensor cables, the EconoGrade™ series will protect against the harsh environmental conditions, contaminants, vibration and shock, all without breaking your budget.

Whether your needs are individual components or custom-designed cable assemblies, in either Tractor/Trailer, Heavy Duty, or Diagnostic applications, AMPHENOL SINE SYSTEMS is the one company that can be responsible for Interconnecting Your World.

For price and delivery information, please contact our US corporate headquarters at 586-465-3131.

INTERCONNECTING YOUR WORLD



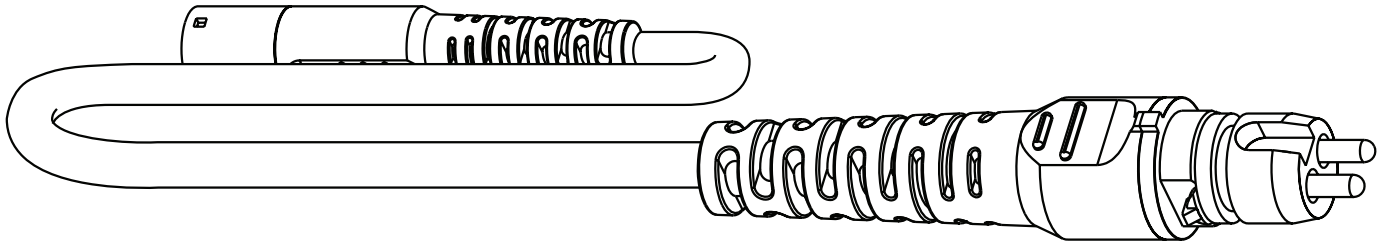
Listed below are the most prominent Features and Benefits, Specifications and Ordering Information for this series. If there are any additional questions, please contact a Sine Systems Sales Representative.

FEATURES

- Integrated coupling tabs
- Strong polyurethane housing
- Operating temperature range: -55°C to +125°C
- Economically sound
- RoHS compliant

BENEFITS

- Tactile verification for blind mating
- Extended service life
- Wide temperature range compatibility
- Low overall cost
- Environmentally-friendly



GENERAL SPECIFICATIONS

CONTACT RESISTANCE: $\leq 5m\Omega$

INSULATION RESISTANCE: $\leq 10\Omega$

CURRENT RATING:

21 A max. for wire size $1.5mm^2 / 25^\circ C$

29 A max. for wire size $2.5mm^2 / 25^\circ C$

34 A max. for wire size $4.0mm^2 / 25^\circ C$

VOLTAGE: 48 VDC max.

TEST VOLTAGE: 1000 VAC (Ueff)

OPERATING TEMPERATURE: -40°C TO +125°C

SHOCK/VIBRATION: 30g acc. to DIN 72585

DURABILITY: No electric or mechanical defects after 50 cycles of engagement and disengagement.

MATERIAL SPECIFICATIONS

HOUSINGS: Polyurethane

O-RINGS: HNBR

CONTACTS: Copper alloy, tinned

STANDARDS AND SPECIFICATIONS

DIN 40050, PART 9: Sealing

DIN 50016: Humidity

DIN 50021: Resistance against fluids, salt spray test

DIN 51512: Lubricants such as engine oil, grease, etc.

DIN EN 590: Diesel fuel, gasoline

DIN ISO 4925: Brake fluids, anti-freeze, coolants

ORDERING INFO AND PART NUMBERS

SINE SYSTEMS PART NUMBER	FEET	METERS
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STANDARD LENGTHS

P28904-H40	3.30	1.00
P28904-H60	5.00	1.52
P28904-H80	6.60	2.01
P28904-H120	10.00	3.04
P28904-H160	13.30	4.10
P28904-H260	21.60	6.60

*CUSTOM LENGTHS

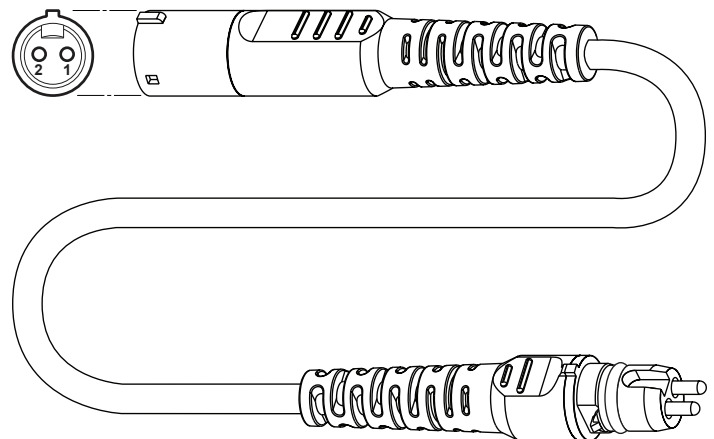
P28904-HX	XX	XX
P28904-HXX	XX	XX
P28904-HXXX	XX	XX
P28904-HXXXX	XX	XX

* Contact Sine Systems for Custom Lengths.

GENERAL PIN ASSIGNMENT

The ABS sensor plug connection is connected to the ABS sensors. The general assignment for these slots is as follows:

PIN No.	PIN Assignment
1	HIGH
2	LOW



Amphenol Sine Systems has made every effort to ensure that the information contained in this flyer is accurate at the time of publication. Specifications or information stated in this publication are subject to change without notice.