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Технические характеристики на разъемы автомобильные APEX Sensomate 2.8, APEX Sensomate 1.2 КОМПАНИИ **APTIV PLC**

APEX[®] 2.8 SensoMate[™] SERIES



APEX[®] 2.8 SensoMate[™]
4W Female

BENEFITS

- Heavy-duty performance
- Highest current rating
- Ergonomic design

FEATURES

- Compliant with USCAR design guidelines and performance standards
- Industry standard footprint
- Superior single-piece housing construction
- Primary Lock Reinforcement (PLR) to detect partially installed terminals



AVAILABLE CONFIGURATIONS

Cavity Count (ways)	2, 3, 4
Cavity Configurations (mm)	2.8
Genders	Female
Sealing Type	Cable Sealed
Centerline Spacing (mm)	5.0

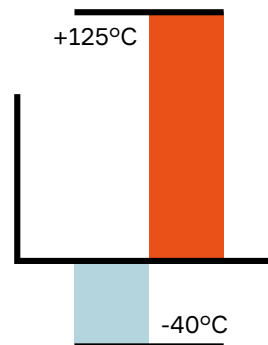


APPLICATIONS

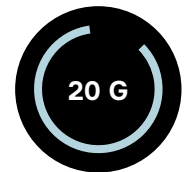
On-engine sensors



TEMPERATURE



VIBRATION



ENVIRONMENTAL PROTECTION



See back page for representative part numbers and packaging dimensions.

About Aptiv

Aptiv is a global technology company that develops safer, greener and more connected solutions enabling the future of mobility. Headquartered in Dublin, Aptiv has approximately 150,000 employees and operates 14 technical centers, as well as manufacturing sites and customer support centers in 45 countries.



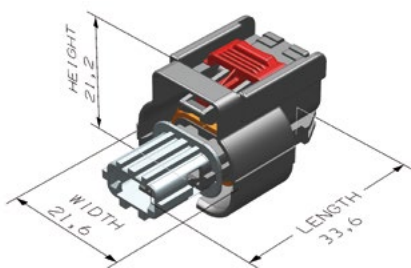
Cavity count	Blade size (mm)	Gender	Dimensions W x H x D (mm)	Part number	Index	Color	Other indexes offered
2	2.8	F	21.6 x 21.2 x 31.0	13821046	A	Black	B
3	2.8	F	26.6 x 21.2 x 31.0	13791661	A	Black	B
4	2.8	F	31.6 x 23.2 x 31.0	33513154	A	Black	B

COMPATIBLE SEALS & PLUGS

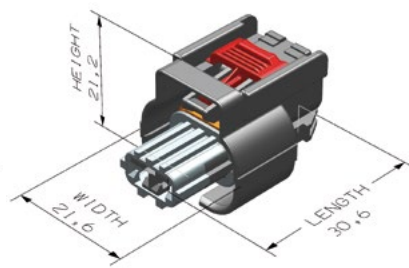
Type	Applicable wire size (mm ²)	Color	Part number
Cable Seal	0.50 - 1.00	Green	13791654
Cable Seal	1.50 - 2.00	Blue	13948585
Cavity Plug	N/A	White	15305170

Please, contact an Aptiv representative for the full part number list.

DIMENSION MEASUREMENT SAMPLE

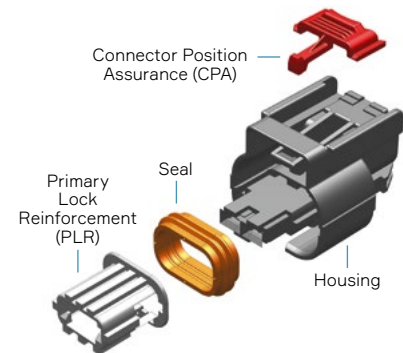


APEX® 2.8 SensoMate™
2W Female pre-assembly



APEX® 2.8 SensoMate™
2W Female assembly

EXPLODED VIEW



APEX® 2.8 SensoMate™
2W Female

COMPATIBLE WITH

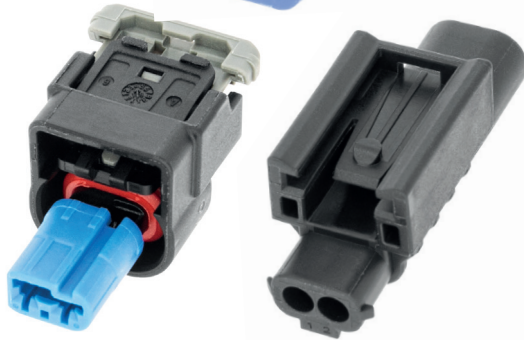


APEX® 2.8 Series Terminals

Part numbers, specifications, dimensions and performance data in this document are for general references only and are subject to change without notice. To verify product information, please contact an Aptiv representative.

APEX[®] 1.2 SensoMate[™] SERIES

APEX[®] 1.2 SensoMate[™]
4W Female



APEX[®] 1.2 SensoMate[™]
2W Female & Male

BENEFITS

- Heavy-duty performance for engine vibration and temperature
- Highest current rating of APEX two-piece performance technology
- Ergonomic design including Connector Position Assurance (CPA)

FEATURES

- Compatible with VDA (AK) 1.2 and USCAR 120 device interfaces (1.2 mm male blade)
- Compliant with Hyundai ES 91500-00/02
- Compliant with USCAR design guidelines and performance standards
- Compliant to Renault-Nissan-Mitsubishi RND5-B-00029 performance standards
- Terminal Position Assurance (TPA) based on Primary Lock Reinforcement (PLR) to detect partially installed terminals



AVAILABLE CONFIGURATIONS

Cavity Count (ways)	2, 3, 4, 5, 6
Cavity Configurations (mm)	1.2
Blade Size (mm)	1.2
Genders	Female, Male
Sealing Type	Cable Sealed
Centerline Spacing (mm)	4.0
TPA	PLR
CPA	Optional
High Temperature T5 (175°C)	Version available



TEMPERATURE



VIBRATION



SEALING CLASS



APPLICATIONS

On-engine sensors and actuators

See back page for representative part numbers and packaging dimensions.

About Aptiv

Aptiv is a global technology company that develops safer, greener and more connected solutions enabling the future of mobility.



Cavity count	Gender	Dimensions W x H x D (mm)	Part number	Index	CPA	Color	Generation	Shroud Length	Other indexes offered
2	F	16.4 x 17.6 x 32.0	13806231	A	No	Black	One	Short (half)	B, C
2	F	17 x 16.45 x 28.3	33401217	A	No	Black	Two	Short (half)	B, C, D
2	F	17.4 x 16.45 x 28.3	33401221	A	Yes	Black	Two	Short (half)	B, C, D
2	F	17 x 16.45 x 28.3	33384128	A	No	Black	Two. Clip-Type	Long (full)	B, C, D
2	F	17.4 x 16.45 x 28.3	35050101	A	Yes	Black	Two. Clip-Type	Long (full)	B, C, D
2	F	17 x 16.45 x 28.3	33318607	A	No	Black	Two	Long (full)	B, C, D
2	F	17.4 x 16.45 x 28.3	33318611	A	Yes	Black	Two	Long (full)	B, C, D
2	F	17 x 16.45 x 28.3	35259417	A	No	Black	Two. High Temp T5	Long (full)	B, C
2	F	17.4 x 16.45 x 28.3	35259421	A	Yes	Black	Two. High Temp T5	Long (full)	B, C
3	F	19.3 x 17.6 x 31.0	13578335	A	No	Black	One	Short (half)	B, C, D
3	F	19.3 x 16.45 x 28.3	33242572	A	No	Black	Two	Short (half)	B, C, D
3	F	19.3 x 16.45 x 28.3	33242576	A	Yes	Black	Two	Short (half)	B, C, D
3	F	19.3 x 16.45 x 28.3	33317676	A	No	Black	Two	Long (full)	B, C, D
3	F	19.3 x 16.45 x 28.3	33317681	A	Yes	Black	Two	Long (full)	B, C, D
4	F	24.5 x 17.6 x 32.1	13820427	A	No	Black	One	Short (half)	B, C, D
4	F	24.6 x 17.7 x 28.3	33218537	A	No	Black	One	Short (half)	B, C, D
4	F	24.6 x 17.6 x 28.3	35172690	A	No	Black	Two	Long (full)	B, C, D
4	F	24.6 x 17.6 x 28.3	35172708	A	Yes	Black	Two	Long (full)	B, C, D
5	F	28.6 x 17.6 x 28.7	35023342	A	No	Black	Two	Short (half)	B, C, D
5	F	28.6 x 17.6 x 28.7	35032599	A	Yes	Black	Two	Short (half)	B, C, D
5	F	28.6 x 17.6 x 28.7	33241268	A	No	Black	Two	Long (full)	B, C, D
5	F	28.6 x 17.6 x 28.7	33241269	A	Yes	Black	Two	Long (full)	B, C, D
5	F	28.6 x 17.6 x 28.7	35288140	A	No	Black	Two. High Temp T5	Short (half)	B, C, D
5	F	28.6 x 17.6 x 28.7	35288144	A	Yes	Black	Two. High Temp T5	Short (half)	B, C, D
6	F	32.6 x 17.65 x 28.45	33355813	A	No	Black	Two	Long (full)	B, C, D
6	F	32.6 x 17.65 x 28.45	33356199	A	Yes	Black	Two	Long (full)	B, C, D
2	M	12.6 x 13.45 x 43.4	33219402	A	x	Black	One	NA	B, C, D
3	M	15.2 x 13.45 x 43.4	33355759	A	x	Black	One	NA	B, C, D
4	M	21.9 x 18.7 x 43.4	35078036	A	x	Black	One	NA	B, C, D

COMPATIBLE SEALS & PLUGS

Type	Applicable wire size (mm ²)	Color	Part number
Cable Seal	0.35	Tan	33511987
Cable Seal	0.50 - 0.75	Green	33402838
Cable Seal	1.00 - 1.25	Rust Red	13898958
Cavity Plug	N/A	Green	13898957

Please, contact an Aptiv representative for the full part number list.

COMPATIBLE WITH



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