## **Comparison Chart**

PEGASEM 5<sup>th</sup> Wheel Assemblies

20" Wheel size





General Features	5W-20-Standard	5W-20-Economy
Distance Measuring Precision	excellent	excellent
Speed Measuring Precision	excellent	good
Measuring Direction	forward	forward
Carefree Reversing Ability	yes	yes
Without Lifting the Wheel	,	,
Targeted Application Range	General Vehicle testing. Ideal for frequent heavy duty applications on plain and semi-rough roads,	For occasional use as well as for low and medium speed testing
	and icy test tracks	
Maximum Swivel Range	± 90°	± 90°
Speed Range	0 to 250 km/h	0 to 130 km/h
opeed Range		
Fork and Frame	5W-20-Standard	5W-20-Economy
Fork Design	round stainless steel tubes	square steel tubes
Fork Surface	polished	hot dip galvanised
Cardan Joint Bearings	stainless ball bearings	polymer friction bearings
		welded aluminium tubes
Cardan Joint Design	machined high tensile aluminium alloy	
Damper Type	hydraulic damper with constant force characteristic, filled with special aerospace oil	spring damper with linearly increasing force
Damper Temperature Range	-55° to 60 °C	–30°C to 60 °C
Damper Travel	150 mm (6 ")	100 mm ( 4 ")
Wheel	5W-20-Standard	5W-20-Economy
Number Of Spokes	48	36
Rim	double side-wall, chrome plated	single wall steel rim
Hub	specially designed heavy duty hub with cartridge bearings	standard bicycle hub
Hub To Fork Mounting	quick release lever	quick release lever
Tyre	20" high pressure racing tyre	20" standard bicycle tyre
1910		
Pulse Transducer	5W-20-Standard	5W-20-Economy
Туре	PEGASEM NFS Sensor with	PEGASEM BFS Sensor with
Type	internal signal processing, 128	digital output, 64 pulses per
	pulses per revolution. Analogue	revolution
	speed output included	
Miscellaneous	5W-20-Standard	5W-20-Economy
Wheel To Vehicle Connection	P-Lock quick fasteners	Sliding tongue and groove
	Using elements of the PEGASEM	Using elements of the PEGASEM
Vehicle Mounting Options		5
Transportation Case	FMS Mounting System	FMS Mounting System
Transportation Case	included	not available
Duta		
Price	5W-20-Standard	5W-20-Economy
Price ex works	On request	On request

FMS Mounting System     FMS Mounting System       Price     5W-6     5W-12			
Distance Measuring PrecisionexcellentexcellentSpeed Measuring Directionforward and backwardsforward and backwardsCarefree Reversing Ability Without Lifting the WheelyesyesTargeted Application RangeIndoor and outdoor testing of small industrial vehicles on smooth roads Escalator testingSame as 5W-6 but more suitable on semi-rough terrainSpeed Range0 to 50 km/h0 to 100 km/hMechanical5W-65W-12Maximum Swivel Range360 ° endless360 ° endlessTyre6" PUR type, puncture proof12" pneumaticNumber Of Spokes520Rim and HubIntegrated rim and hub with cartridge bearingsAluminium rim, heavy duty hub with cartridge bearingsHub to Fork Mountingnuts on axle thread uts on axle threadquick release leverMass2.5 kg4 kgGround Clearance100 mm180 mmPulse Transducer56 per revolution, TTL compatibleTTL compatible TTL compatibleAnalogue Speed Output1 V per 10 km/h Other ratings can be selected1 V per 10 km/h Other ratings can be selectedMax. Analouge Output Voltarge5 - 30 VDC, < 20 mA5 - 30 VDC, < 20 mAPower Supply5 - 30 VDC, < 20 mA5 - 30 VDC, < 20 mAPrice5W-65W-12Store of the PEGASEM FMS Mounting SystemSW-65W-12	5 <sup>th</sup> Wheel Assemblies 6" and 12"	Comparison chan	
Speed Measuring PrecisionexcellentexcellentMeasuring Directionforward and backwardsforward and backwardsCarefree Reversing AbilityyesyesWithout Lifting the WheelIndoor and outdoor testing of small industrial vehicles on smooth roads Escalator testingSame as 5W-6 but more suitable on semi-rough terrainSpeed Range0 to 50 km/h0 to 100 km/hMechanical5W-65W-12Maximum Swivel Range360 ° endless360 ° endlessTyre6" PUR type, puncture proof12" pneumaticNumber Of Spokes520Rim and HubIntegrated rim and hub with cartridge bearingsAluminum rim, heavy duty hub with cartridge bearingsHub to Fork Mountingnuts on axle thread 	General Features	5W-6	5W-12
Speed Measuring PrecisionexcellentexcellentMeasuring Directionforward and backwardsforward and backwardsCarefree Reversing AbilityyesyesWithout Lifting the WheelIndoor and outdoor testing of small industrial vehicles on smooth roads Escalator testingSame as 5W-6 but more suitable on semi-rough terrainSpeed Range0 to 50 km/h0 to 100 km/hMechanical5W-65W-12Maximum Swivel Range360 ° endless360 ° endlessTyre6" PUR type, puncture proof12" pneumaticNumber Of Spokes520Rim and HubIntegrated rim and hub with cartridge bearingsAluminum rim, heavy duty hub with cartridge bearingsHub to Fork Mountingnuts on axle thread uick release lever4 kgGround Clearance100 mm180 mmPulse Transducer5W-65W-12TypePEGASEM NFS Sensor with internal signal processingPEGASEM NFS Sensor with internal signal processingPulse Rate256 per revolution, TTL compatibleTTL compatibleAnalouge Output1 V per 10 km/h Other ratings can be selected1 V per 10 km/h Other ratings can be selectedMax. Analouge Output5 - 30 VDC, < 20 mA			
Measuring Direction         forward and backwards         forward and backwards           Carefree Reversing Ability         yes         yes           Targeted Application Range         Indoor and outdoor testing of small industrial vehicles on smooth roads Escalator testing         Same as 5W-6 but more suitable on semi-rough terrain           Speed Range         0 to 50 km/h         0 to 100 km/h           Mechanical         5W-6         5W-12           Maximum Swivel Range         360 ° endless         360 ° endless           Tyre         6" PUR type, puncture proof         12" pneumatic           Number Of Spokes         5         20           Rim and Hub         Integrated rim and hub with cartridge bearings         Aluminium rim, heavy duty hub with cartridge bearings           Hub to Fork Mounting         nuts on axle thread         quick release lever           Mass         2.5 kg         4 kg           Ground Clearance         100 mm         180 mm           Pulse Transducer         50 per revolution, TTL compatible         TTL compatible           Analogue Speed Output         1 V per 10 km/h         1 V per 10 km/h           Other ratings can be selected         0 ther ratings can be selected         0 ther ratings can be selected           Max. Analouge Output         5 – 30 VDC, < 20 mA			
Carefree Reversing Ability Without Lifting the Wheel     yes     yes       Targeted Application Range     Indoor and outdoor testing of small industrial vehicles on smooth roads Escalator testing     Same as 5W-6 but more suitable on semi-rough terrain       Speed Range     0 to 50 km/h     0 to 100 km/h       Mechanical     5W-6     5W-12       Maximum Swivel Range     360 ° endless     360 ° endless       Tyre     6" PUR type, puncture proof     12" pneumatic       Number Of Spokes     5     20       Rim and Hub     Integrated rim and hub with cartridge bearings     Aluminium rim, heavy duty hub with cartridge bearings       Hub to Fork Mounting     nuts on axle thread     quick release lever       Mass     2.5 kg     4 kg       Ground Clearance     100 mm     180 mm       Pulse Transducer     50 per revolution, TTL compatible     TTL compatible       Analogue Speed Output     1 V per 10 km/h Other ratings can be selected     1 V per 10 km/h Other ratings can be selected       Max. Analouge Output     5 – 30 VDC, < 20 mA			
Without Lifting the Wheel       Indoor and outdoor testing of small industrial vehicles on smooth roads       Same as 5W-6 but more suitable on semi-rough terrain         Speed Range       0 to 50 km/h       0 to 100 km/h         Mechanical       5W-6       5W-12         Maximum Swivel Range       360 ° endless       360 ° endless         Tyre       6" PUR type, puncture proof       12" pneumatic         Number Of Spokes       5       20         Rim and Hub       Integrated rim and hub with cartridge bearings       Aluminium rim, heavy duty hub with cartridge bearings         Mass       2.5 kg       4 kg         Ground Clearance       100 mm       180 mm         Pulse Transducer       5W-6       SW-12         Type       PEGASEM NFS Sensor with internal signal processing       PEGASEM NFS Sensor with internal signal processing         Pulse Rate       256 per revolution, TTL compatible       TTL compatible         TTL compatible       1 V per 10 km/h       1 V per 10 km/h         Avalage       5 - 30 VDC, < 20 mA			
Targeted Application RangeIndoor and outdoor testing of small industrial vehicles on smooth roads Escalator testingSame as 5W-6 but more suitable on semi-rough terrainSpeed Range0 to 50 km/h0 to 100 km/hMechanical5W-65W-12Maximum Swivel Range360 ° endless360 ° endlessTyre6" PUR type, puncture proof12" pneumaticNumber Of Spokes520Rim and HubIntegrated rim and hub with cartridge bearingsAluminium rim, heavy duty hub with cartridge bearingsHub to Fork Mountingnuts on axle threadquick release leverMass2.5 kg4 kgGround Clearance100 mm180 mmPulse Transducer5W-65W-12TypePEGASEM NFS Sensor with internal signal processingPEGASEM NFS Sensor with internal signal processingPulse Rate256 per revolution, TTL compatible1 V per 10 km/h Other ratings can be selectedMax. Analouge Output4 VDC4 VDCVoltage5 - 30 VDC, < 20 mA		,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Mechanical       5W-6       5W-12         Maximum Swivel Range       360 ° endless       360 ° endless         Tyre       6" PUR type, puncture proof       12" pneumatic         Number Of Spokes       5       20         Rim and Hub       Integrated rim and hub with cartridge bearings       Aluminium rim, heavy duty hub with cartridge bearings         Hub to Fork Mounting       nuts on axle thread       quick release lever         Mass       2.5 kg       4 kg         Ground Clearance       100 mm       180 mm         Pulse Transducer       5W-6       5W-12         Type       PEGASEM NFS Sensor with internal signal processing       PEGASEM NFS Sensor with internal signal processing         Pulse Rate       256 per revolution, TTL compatible       TTL compatible         Analogue Speed Output       1 V per 10 km/h       1 V per 10 km/h         Other ratings can be selected       0 ther ratings can be selected         Max. Analouge Output       4 VDC       4 VDC         Voltage       5 – 30 VDC, < 20 mA		small industrial vehicles on smooth roads	on semi-rough terrain
Maximum Swivel Range360 ° endless360 ° endlessTyre6" PUR type, puncture proof12" pneumaticNumber Of Spokes520Rim and HubIntegrated rim and hub with cartridge bearingsAluminium rim, heavy duty hub with cartridge bearingsHub to Fork Mountingnuts on axle threadquick release leverMass2.5 kg4 kgGround Clearance100 mm180 mmPulse Transducer5W-65W-12TypePEGASEM NFS Sensor with internal signal processingPEGASEM NFS Sensor with 	Speed Range	0 to 50 km/h	0 to 100 km/h
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Tyre6" PUR type, puncture proof12" pneumaticNumber Of Spokes520Rim and HubIntegrated rim and hub with cartridge bearingsAluminium rim, heavy duty hub with cartridge bearingsHub to Fork Mountingnuts on axle threadquick release leverMass2.5 kg4 kgGround Clearance100 mm180 mmPulse Transducer5W-65W-12TypePEGASEM NFS Sensor with internal signal processingPEGASEM NFS Sensor with internal signal processingPulse Rate256 per revolution, TTL compatible256 per revolution, TTL compatibleAnalogue Speed Output1 V per 10 km/h Other ratings can be selected1 V per 10 km/h Other ratings can be selectedMax. Analouge Output5 – 30 VDC, < 20 mA5 – 30 VDC, < 20 mAMiscellaneous5W-65W-12Wheel To Vehicle ConnectionSliding tongue and groove Using elements of the PEGASEM FMS Mounting SystemSliding tongue and groovePrice5W-65W-12	Mechanical	5W_6	5\M_12
Number Of Spokes520Rim and HubIntegrated rim and hub with cartridge bearingsAluminium rim, heavy duty hub with cartridge bearingsHub to Fork Mountingnuts on axle threadquick release leverMass2.5 kg4 kgGround Clearance100 mm180 mmPulse Transducer5W-65W-12TypePEGASEM NFS Sensor with internal signal processingPEGASEM NFS Sensor with internal signal processingPulse Rate256 per revolution, TTL compatible256 per revolution, TTL compatibleAnalogue Speed Output1 V per 10 km/h Other ratings can be selected1 V per 10 km/h Other ratings can be selectedMax. Analouge Output Voltage5 – 30 VDC, < 20 mA			
Rim and HubIntegrated rim and hub with cartridge bearingsAluminium rim, heavy duty hub with cartridge bearingsHub to Fork Mountingnuts on axle threadquick release leverMass2.5 kg4 kgGround Clearance100 mm180 mmPulse Transducer5W-65W-12TypePEGASEM NFS Sensor with internal signal processingPEGASEM NFS Sensor with internal signal processingPulse Rate256 per revolution, TTL compatible256 per revolution, TTL compatibleAnalogue Speed Output1 V per 10 km/h Other ratings can be selected1 V per 10 km/h Other ratings can be selectedMax. Analouge Output Voltage5 – 30 VDC, < 20 mA	Maximum Swivel Range	360 ° endless	360 ° endless
cartridge bearingswith cartridge bearingsHub to Fork Mountingnuts on axle threadquick release leverMass2.5 kg4 kgGround Clearance100 mm180 mmPulse Transducer5W-65W-12TypePEGASEM NFS Sensor with internal signal processingPEGASEM NFS Sensor with internal signal processingPulse Rate256 per revolution, TTL compatible256 per revolution, TTL compatibleAnalogue Speed Output1 V per 10 km/h Other ratings can be selected1 V per 10 km/h Other ratings can be selectedMax. Analouge Output Voltage5 – 30 VDC, < 20 mA	Maximum Swivel Range Tyre	360 ° endless 6" PUR type, puncture proof	360 ° endless 12" pneumatic
Mass       2.5 kg       4 kg         Ground Clearance       100 mm       180 mm         Pulse Transducer       5W-6       5W-12         Type       PEGASEM NFS Sensor with internal signal processing       PEGASEM NFS Sensor with internal signal processing         Pulse Rate       256 per revolution, TTL compatible       256 per revolution, TTL compatible         Analogue Speed Output       1 V per 10 km/h       1 V per 10 km/h         Other ratings can be selected       0 ther ratings can be selected         Max. Analouge Output       4 VDC       4 VDC         Voltage       5 – 30 VDC, < 20 mA	Maximum Swivel Range Tyre Number Of Spokes	360 ° endless 6" PUR type, puncture proof 5	360 ° endless 12" pneumatic 20
Ground Clearance100 mm180 mmPulse Transducer5W-65W-12TypePEGASEM NFS Sensor with internal signal processingPEGASEM NFS Sensor with internal signal processingPulse Rate256 per revolution, TTL compatible256 per revolution, TTL compatibleAnalogue Speed Output1 V per 10 km/h Other ratings can be selected1 V per 10 km/h Other ratings can be selectedMax. Analouge Output Voltage4 VDC4 VDCPower Supply5 – 30 VDC, < 20 mA	Maximum Swivel Range Tyre Number Of Spokes 	360 ° endless 6" PUR type, puncture proof 5 Integrated rim and hub with cartridge bearings	360 ° endless 12" pneumatic 20 Aluminium rim, heavy duty hub with cartridge bearings
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TypePEGASEM NFS Sensor with internal signal processingPEGASEM NFS Sensor with internal signal processingPulse Rate256 per revolution, TTL compatible256 per revolution, TTL compatibleAnalogue Speed Output1 V per 10 km/h Other ratings can be selected1 V per 10 km/h Other ratings can be selectedMax. Analouge Output4 VDC4 VDCVoltage5 – 30 VDC, < 20 mA	Maximum Swivel Range Tyre Number Of Spokes 	360 ° endless 6" PUR type, puncture proof 5 Integrated rim and hub with cartridge bearings nuts on axle thread 2.5 kg	360 ° endless12" pneumatic20Aluminium rim, heavy duty hubwith cartridge bearingsquick release lever4 kg
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Internal signal processinginternal signal processingPulse Rate256 per revolution, TTL compatible256 per revolution, TTL compatibleAnalogue Speed Output1 V per 10 km/h Other ratings can be selected1 V per 10 km/h Other ratings can be selectedMax. Analouge Output Voltage4 VDC4 VDCPower Supply5 – 30 VDC, < 20 mA	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting 	360 ° endless 6" PUR type, puncture proof 5 Integrated rim and hub with cartridge bearings nuts on axle thread 2.5 kg 100 mm	360 ° endless12" pneumatic20Aluminium rim, heavy duty hub with cartridge bearingsquick release lever4 kg180 mm
Pulse Rate256 per revolution, TTL compatible256 per revolution, TTL compatibleAnalogue Speed Output1 V per 10 km/h Other ratings can be selected1 V per 10 km/h Other ratings can be selectedMax. Analouge Output Voltage4 VDC4 VDCPower Supply5 – 30 VDC, < 20 mA	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance 	360 ° endless 6" PUR type, puncture proof 5 Integrated rim and hub with cartridge bearings nuts on axle thread 2.5 kg 100 mm 5W-6	360 ° endless         12" pneumatic         20         Aluminium rim, heavy duty hub         with cartridge bearings         quick release lever         4 kg         180 mm         5W-12
TTL compatibleTTL compatibleAnalogue Speed Output1 V per 10 km/h Other ratings can be selected1 V per 10 km/h Other ratings can be selectedMax. Analouge Output Voltage4 VDC4 VDCPower Supply5 – 30 VDC, < 20 mA	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting 	360 ° endless 6" PUR type, puncture proof 5 Integrated rim and hub with cartridge bearings nuts on axle thread 2.5 kg 100 mm 5W-6 PEGASEM NFS Sensor with	360 ° endless 12" pneumatic 20 Aluminium rim, heavy duty hub with cartridge bearings quick release lever 4 kg 180 mm 5W-12 PEGASEM NFS Sensor with
Analogue Speed Output       1 V per 10 km/h Other ratings can be selected       1 V per 10 km/h Other ratings can be selected         Max. Analouge Output Voltage       4 VDC       4 VDC         Power Supply       5 – 30 VDC, < 20 mA	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance Pulse Transducer Type	360 ° endless 6" PUR type, puncture proof 5 Integrated rim and hub with cartridge bearings nuts on axle thread 2.5 kg 100 mm <b>5W-6</b> PEGASEM NFS Sensor with internal signal processing	360 ° endless 12" pneumatic 20 Aluminium rim, heavy duty hub with cartridge bearings quick release lever 4 kg 180 mm 5W-12 PEGASEM NFS Sensor with internal signal processing
Other ratings can be selected       Other ratings can be selected         Max. Analouge Output       4 VDC       4 VDC         Voltage       5 – 30 VDC, < 20 mA	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance Pulse Transducer Type	360 ° endless 6" PUR type, puncture proof 5 Integrated rim and hub with cartridge bearings nuts on axle thread 2.5 kg 100 mm <u>5W-6</u> PEGASEM NFS Sensor with internal signal processing 256 per revolution,	360 ° endless 12" pneumatic 20 Aluminium rim, heavy duty hub with cartridge bearings quick release lever 4 kg 180 mm 5W-12 PEGASEM NFS Sensor with internal signal processing 256 per revolution,
Max. Analouge Output Voltage4 VDC4 VDCPower Supply5 – 30 VDC, < 20 mA	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance Pulse Transducer Type Pulse Rate	360 ° endless         6" PUR type, puncture proof         5         Integrated rim and hub with         cartridge bearings         nuts on axle thread         2.5 kg         100 mm         SW-6         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible	360 ° endless         12" pneumatic         20         Aluminium rim, heavy duty hub         with cartridge bearings         quick release lever         4 kg         180 mm         5W-12         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible
Voltage       5 – 30 VDC, < 20 mA	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance Pulse Transducer Type Pulse Rate	360 ° endless 6" PUR type, puncture proof 5 Integrated rim and hub with cartridge bearings nuts on axle thread 2.5 kg 100 mm <b>5W-6</b> PEGASEM NFS Sensor with internal signal processing 256 per revolution, TTL compatible 1 V per 10 km/h	360 ° endless         12" pneumatic         20         Aluminium rim, heavy duty hub         with cartridge bearings         quick release lever         4 kg         180 mm         5W-12         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible         1 V per 10 km/h
Power Supply       5 – 30 VDC, < 20 mA       5 – 30 VDC, < 20 mA         Miscellaneous       5W-6       5W-12         Wheel To Vehicle Connection       Sliding tongue and groove       Sliding tongue and groove         Vehicle Mounting Options       Using elements of the PEGASEM FMS Mounting System       Using elements of the PEGASEM FMS Mounting System         Price       5W-6       5W-12	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance Pulse Transducer Type Pulse Rate Analogue Speed Output	360 ° endless 6" PUR type, puncture proof 5 Integrated rim and hub with cartridge bearings nuts on axle thread 2.5 kg 100 mm 5W-6 PEGASEM NFS Sensor with internal signal processing 256 per revolution, TTL compatible 1 V per 10 km/h Other ratings can be selected	360 ° endless         12" pneumatic         20         Aluminium rim, heavy duty hub         with cartridge bearings         quick release lever         4 kg         180 mm         SW-12         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible         1 V per 10 km/h         Other ratings can be selected
Miscellaneous       5W-6       5W-12         Wheel To Vehicle Connection       Sliding tongue and groove       Sliding tongue and groove         Vehicle Mounting Options       Using elements of the PEGASEM FMS Mounting System       Using elements of the PEGASEM FMS Mounting System         Price       5W-6       5W-12	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance Pulse Transducer Type Pulse Rate Analogue Speed Output Max. Analouge Output	360 ° endless 6" PUR type, puncture proof 5 Integrated rim and hub with cartridge bearings nuts on axle thread 2.5 kg 100 mm 5W-6 PEGASEM NFS Sensor with internal signal processing 256 per revolution, TTL compatible 1 V per 10 km/h Other ratings can be selected	360 ° endless         12" pneumatic         20         Aluminium rim, heavy duty hub         with cartridge bearings         quick release lever         4 kg         180 mm         SW-12         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible         1 V per 10 km/h         Other ratings can be selected
Wheel To Vehicle Connection         Sliding tongue and groove         Sliding tongue and groove           Vehicle Mounting Options         Using elements of the PEGASEM FMS Mounting System         Using elements of the PEGASEM FMS Mounting System           Price         5W-6         5W-12	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance Pulse Transducer Type Pulse Rate Analogue Speed Output Max. Analouge Output Voltage	360 ° endless 6" PUR type, puncture proof 5 Integrated rim and hub with cartridge bearings nuts on axle thread 2.5 kg 100 mm <b>5W-6</b> PEGASEM NFS Sensor with internal signal processing 256 per revolution, TTL compatible 1 V per 10 km/h Other ratings can be selected 4 VDC	360 ° endless 12" pneumatic 20 Aluminium rim, heavy duty hub with cartridge bearings quick release lever 4 kg 180 mm 5W-12 PEGASEM NFS Sensor with internal signal processing 256 per revolution, TTL compatible 1 V per 10 km/h Other ratings can be selected 4 VDC
Wheel To Vehicle Connection         Sliding tongue and groove         Sliding tongue and groove           Vehicle Mounting Options         Using elements of the PEGASEM FMS Mounting System         Using elements of the PEGASEM FMS Mounting System           Price         5W-6         5W-12	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance Pulse Transducer Type Pulse Rate Analogue Speed Output Max. Analouge Output Voltage	360 ° endless 6" PUR type, puncture proof 5 Integrated rim and hub with cartridge bearings nuts on axle thread 2.5 kg 100 mm <b>5W-6</b> PEGASEM NFS Sensor with internal signal processing 256 per revolution, TTL compatible 1 V per 10 km/h Other ratings can be selected 4 VDC	360 ° endless 12" pneumatic 20 Aluminium rim, heavy duty hub with cartridge bearings quick release lever 4 kg 180 mm 5W-12 PEGASEM NFS Sensor with internal signal processing 256 per revolution, TTL compatible 1 V per 10 km/h Other ratings can be selected 4 VDC
Vehicle Mounting Options       Using elements of the PEGASEM       Using elements of the PEGASEM         FMS Mounting System       FMS Mounting System       FMS Mounting System         Price       5W-6       5W-12	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance Pulse Transducer Type Pulse Rate Analogue Speed Output Max. Analouge Output Voltage Power Supply	360 ° endless         6" PUR type, puncture proof         5         Integrated rim and hub with         cartridge bearings         nuts on axle thread         2.5 kg         100 mm         SW-6         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible         1 V per 10 km/h         Other ratings can be selected         4 VDC         5 – 30 VDC, < 20 mA	360 ° endless         12" pneumatic         20         Aluminium rim, heavy duty hub         with cartridge bearings         quick release lever         4 kg         180 mm         5W-12         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible         1 V per 10 km/h         Other ratings can be selected         4 VDC         5 – 30 VDC, < 20 mA
FMS Mounting System     FMS Mounting System       Price     5W-6     5W-12	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance Pulse Transducer Type Pulse Rate Analogue Speed Output Voltage Power Supply Miscellaneous	360 ° endless         6" PUR type, puncture proof         5         Integrated rim and hub with         cartridge bearings         nuts on axle thread         2.5 kg         100 mm         SW-6         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible         1 V per 10 km/h         Other ratings can be selected         4 VDC         5 – 30 VDC, < 20 mA	360 ° endless 12" pneumatic 20 Aluminium rim, heavy duty hub with cartridge bearings quick release lever 4 kg 180 mm <b>5W-12</b> PEGASEM NFS Sensor with internal signal processing 256 per revolution, TTL compatible 1 V per 10 km/h Other ratings can be selected 4 VDC 5 – 30 VDC, < 20 mA <b>5W-12</b>
Price 5W-6 5W-12	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance Pulse Transducer Type Pulse Rate Analogue Speed Output Max. Analouge Output Voltage Power Supply Miscellaneous Wheel To Vehicle Connection	360 ° endless         6" PUR type, puncture proof         5         Integrated rim and hub with         cartridge bearings         nuts on axle thread         2.5 kg         100 mm         5W-6         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible         1 V per 10 km/h         Other ratings can be selected         4 VDC         5 – 30 VDC, < 20 mA	360 ° endless         12" pneumatic         20         Aluminium rim, heavy duty hub         with cartridge bearings         quick release lever         4 kg         180 mm         SW-12         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible         1 V per 10 km/h         Other ratings can be selected         4 VDC         5 – 30 VDC, < 20 mA
	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance Pulse Transducer Type Pulse Rate Analogue Speed Output Max. Analouge Output Voltage Power Supply Miscellaneous Wheel To Vehicle Connection	360 ° endless         6" PUR type, puncture proof         5         Integrated rim and hub with         cartridge bearings         nuts on axle thread         2.5 kg         100 mm         5W-6         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible         1 V per 10 km/h         Other ratings can be selected         4 VDC         5 – 30 VDC, < 20 mA	360 ° endless         12" pneumatic         20         Aluminium rim, heavy duty hub         with cartridge bearings         quick release lever         4 kg         180 mm         SW-12         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible         1 V per 10 km/h         Other ratings can be selected         4 VDC         5 – 30 VDC, < 20 mA
	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance Pulse Transducer Type Pulse Rate Analogue Speed Output Max. Analouge Output Voltage Power Supply Miscellaneous Wheel To Vehicle Connection	360 ° endless         6" PUR type, puncture proof         5         Integrated rim and hub with         cartridge bearings         nuts on axle thread         2.5 kg         100 mm         5W-6         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible         1 V per 10 km/h         Other ratings can be selected         4 VDC         5 – 30 VDC, < 20 mA	360 ° endless         12" pneumatic         20         Aluminium rim, heavy duty hub         with cartridge bearings         quick release lever         4 kg         180 mm         SW-12         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible         1 V per 10 km/h         Other ratings can be selected         4 VDC         5 – 30 VDC, < 20 mA
Price ex works On request On request	Maximum Swivel Range Tyre Number Of Spokes Rim and Hub Hub to Fork Mounting Mass Ground Clearance Pulse Transducer Type Pulse Rate Analogue Speed Output Max. Analouge Output Voltage Power Supply Miscellaneous Wheel To Vehicle Connection Vehicle Mounting Options	360 ° endless         6" PUR type, puncture proof         5         Integrated rim and hub with         cartridge bearings         nuts on axle thread         2.5 kg         100 mm         SW-6         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible         1 V per 10 km/h         Other ratings can be selected         4 VDC         5 – 30 VDC, < 20 mA	360 ° endless         12" pneumatic         20         Aluminium rim, heavy duty hub         with cartridge bearings         quick release lever         4 kg         180 mm         SW-12         PEGASEM NFS Sensor with         internal signal processing         256 per revolution,         TTL compatible         1 V per 10 km/h         Other ratings can be selected         4 VDC         5 – 30 VDC, < 20 mA