What is claimed:

1. A wellbore sensing system comprising:

a wellbore tubular string comprising at least one gauge carrier and at least one adjacent component, wherein the at least one gauge carrier is configured to provide an annular fluid communication between a housing and a mandrel, wherein the at least one gauge carrier is sealingly engaged with the at least one adjacent component, and wherein the at least one adjacent component comprises at least one of a filter element or a production sleeve; and

at least one gauge disposed in the gauge carrier, wherein the at least one gauge is configured to sense at least one parameter within a wellbore.

2. The system of claim 1, wherein the wellbore tubular string comprises a filter element disposed about a wellbore tubular adjacent the at least one gauge carrier, and wherein an annular flow path between the filter element and the wellbore tubular is in fluid communication with a flowpath between the housing and the mandrel.

3. The system of claim 2, further comprising a sensing point disposed radially adjacent the filter element, wherein the sensing point is coupled to the at least one gauge, and wherein the at least one gauge is configured to measure at least one parameter at the sensing point.

4. The system of claim 1, wherein one or more standoffs are disposed between the housing and the mandrel.

5. The system of claim 1, wherein the at least one gauge carrier further comprises channels configured to retain one or more sensing links.

6. The system of claim 1, wherein the at least one gauge carrier is configured retain one or more manifolds coupled to the at least one gauge.

7. The system of claim 1, further comprising a communication component coupled to the at least one gauge, wherein the communication component is configured to communicate a signal indicative of a parameter to a surface of the wellbore.

8. The system of claim 1, wherein the at least one gauge is configured to sense the at least one parameter adjacent the at least one gauge carrier.

9. The system of claim 1, wherein the at least one gauge is configured to sense the at least one parameter at a location that is longitudinally separated from the at least one gauge.

10. The system of claim 1, wherein the at least one gauge is configured to sense the at least one parameter within an annular space between the housing and the mandrel.

11. The system of claim 1, wherein the at least one gauge is configured to sense the at least one parameter within the wellbore tubular string.

12. The system of claim 1, further comprising a plurality of gauges disposed in the gauge carrier,

wherein the plurality of gauges is configured to sense at least one parameter at a plurality of locations within the wellbore, wherein the plurality of locations comprise at least two of a location adjacent the at least one gauge carrier, a location longitudinally separated from the plurality of gauges, an annular space between the housing and the mandrel, or a location within the wellbore tubular string.

13. A gauge carrier comprising:

a housing disposed about a mandrel;

an annular space formed between the housing and the mandrel, wherein the annular space is configured to provide fluid communication between a first end of the housing and a second end of the housing; and

at least one pocket configured to receive a gauge, wherein the pocket is disposed on an outside of the housing, and wherein the housing is configured to substantially seal the at least one pocket from the annular space.

14. The gauge carrier of claim 13, wherein the housing is configured to sealingly engage at least one adjacent component.

15. The gauge carrier of claim 14, wherein the at least one adjacent component comprises at least one of a filter element or a production sleeve.

16. The gauge carrier of claim 14, wherein the annular space is in fluid communication with a second annular space on the at least one adjacent component.

17. The gauge carrier of claim 13, further comprising the gauge disposed in the at least one pocket.

18. The gauge carrier of claim 13, further comprising one or more standoffs disposed between the housing and the mandrel.

19. The gauge carrier of claim 13, further comprising at least one cover disposed over the at least one pocket.

20. The gauge carrier of claim 13, wherein the housing comprises a sealing sleeve, wherein the sealing sleeve is configured to engage an adjacent component.

21. A method of sensing in a wellbore, the method comprising:

retaining at least one gauge along a wellbore tubular string using a gauge carrier, wherein the gauge carrier comprises a housing disposed about a mandrel, and wherein an annular flowpath is formed between the housing and the mandrel;

communicating fluid through the annular flowpath; and

sensing at least one parameter using the at least one gauge, wherein the at least one parameter is provided through a sensing link from a point axially separate from the gauge carrier.

22. The method of claim 21, further comprising receiving a fluid within the annular flowpath from a second annular flowpath on an adjacent component.

23. The method of claim 22, further comprising passing the fluid from the annular flowpath to a third annular flowpath on an adjacent component.

24. The method of claim 23, wherein at least one of the second annular flowpath or the third annular flowpath is formed between a filter element and a wellbore tubular.

25. The method of claim 21, wherein the point is radially adjacent a filter element of a sand screen assembly.

CLAIMS

1. A wellbore sensing system comprising:

a wellbore tubular string comprising at least one gauge carrier and at least one longitudinally adjacent component, wherein the at least one gauge carrier is configured to provide an annular fluid communication between a housing and a mandrel, wherein the at least one gauge carrier is sealingly engaged with the at least one adjacent component, wherein the at least one adjacent component comprises at least one of a filter element or a production sleeve; and

at least one gauge disposed in the gauge carrier, wherein the at least one gauge is disposed in a pocket on an outside of the housing, wherein the at least one gauge is configured to sense at least one parameter within a wellbore;

wherein the at least one gauge carrier further comprises channels configured to retain one or more sensing links.

2. The system of claim 1, wherein one or more standoffs are disposed between the housing and the mandrel.

3. The system of claim 1, further comprising a communication component coupled to the at least one gauge, wherein the communication component is configured to communicate a signal indicative of a parameter to a surface of the wellbore.

4. The system of claim 1, wherein the at least one gauge is configured to sense the at least one parameter adjacent the at least one gauge carrier.

5. The system of claim 1, wherein the at least one gauge is configured to sense the at least one parameter at a location that is longitudinally separated from the at least one gauge.

6. The system of claim 1, wherein the at least one gauge is configured to sense the at least one parameter within an annular space between the housing and the mandrel.

7. The system of claim 1, wherein the at least one gauge is configured to sense the at least one parameter within the wellbore tubular string.

8. The system of claim 1, further comprising a plurality of gauges disposed in the gauge carrier, wherein the plurality of gauges is configured to sense at least one parameter at a plurality of locations within the wellbore, wherein the plurality of locations comprise at least two of a location adjacent the at least one gauge carrier, a location longitudinally separated from the plurality of gauges, an annular space between the housing and the mandrel, or a location within the wellbore tubular string.

9. A gauge carrier comprising:

a housing disposed about a mandrel;

an annular space formed between the housing and the mandrel, wherein the annular space is configured to provide fluid communication between a first end of the housing and a second end of the housing;

at least one pocket configured to receive a gauge, wherein the pocket is disposed on an outside of the housing, and wherein the housing is configured to substantially seal the at least one pocket from the annular space and

channels configured to retain one or more sensing links.

10. The gauge carrier of claim 9, further comprising the gauge disposed in the at least one pocket.

11. The gauge carrier of claim 9, further comprising one or more standoffs disposed between the housing and the mandrel.

12. The gauge carrier of claim 9, further comprising at least one cover disposed over the at least one pocket.

13. The gauge carrier of claim 9, wherein the housing comprises a sealing sleeve, wherein the sealing sleeve is configured to engage an adjacent component.

14. A method of sensing in a wellbore, the method comprising:

retaining at least one gauge along a wellbore tubular string using a gauge carrier, wherein the gauge carrier comprises a housing disposed about a mandrel, wherein an annular

flowpath is formed between the housing and the mandrel, wherein the at least one gauge is disposed about an outside of the housing;

communicating fluid through the annular flowpath; and

sensing at least one parameter using the at least one gauge, wherein the at least one parameter is provided through a sensing link from a point axially separate from the gauge carrier.

15. The method of claim 14, further comprising receiving a fluid within the annular flowpath from a second annular flowpath on an adjacent component.

16. The method of claim 15, further comprising passing the fluid from the annular flowpath to a third annular flowpath on an adjacent component.