WHAT IS CLAIMED IS:

1. A method for data transmission, comprising:

determining a target logical channel from one or more logical channels according to configuration indication information of a sidelink resource and attribute indication information of the one or more logical channels, wherein the configuration indication information is configured to indicate configuration characteristics of the sidelink resource, and the attribute indication information of each logical channel is configured to indicate whether data on the logical channel requires hybrid automatic repeat request (HARQ) feedback; and

transmitting data on the target logical channel using the sidelink resource,

wherein the configuration indication information is configured to indicate:

information about whether the sidelink resource is configured with a respective physical sidelink feedback channel (PSFCH) resource,

wherein in response to the configuration indication information indicating that the sidelink resource is configured with the respective PSFCH resource, the determining the target logical channel from the one or more logical channels according to the configuration indication information of the sidelink resource and the attribute indication information of the one or more logical channels, comprises:

selecting a logical channel whose attribute indication information indicates requiring HARQ feedback or a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel,

wherein the selecting the logical channel whose attribute indication information indicates requiring HARQ feedback or the logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel, comprises:

in response to the logical channel whose attribute indication information indicates requiring HARQ feedback and the logical channel whose attribute indication information indicates requiring no HARQ feedback simultaneously existing among the one or more logical channels, and in response to a priority of the logical channel whose attribute indication information indicates requiring HARQ feedback being different from a priority of the logical channel whose attribute indication information indicates requiring no HARQ feedback, selecting the logical channel with a higher priority as the target logical channel.

2. The method according to claim 1, further comprising:

receiving the configuration indication information sent by a lower layer.

3. The method according to claim 1, further comprising:

sending the attribute indication information of the target logical channel to a lower layer.

4. The method according to claim 1, wherein in response to the configuration indication information indicating that the sidelink resource is not configured with the respective PSFCH resource, the determining the target logical channel from the one or more logical channels according to the configuration indication information of the sidelink resource and the attribute indication information of the one or more logical channels, comprises:

selecting a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel.

5. The method according to claim 1, wherein the determining the target logical channel from the one or more logical channels according to the configuration indication information of the sidelink resource and the attribute indication information of the one or more logical channels, comprises:

in response to the information indicated by the configuration indication information satisfying a second condition, selecting a logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel.

6. The method according to claim 5, wherein the second condition refers to the configuration indication information indicating that the type of data that the sidelink resource is able to carry is the type requiring HARQ feedback.

7. The method according to any one of claims 1 to 6, wherein

the sidelink resource is a resource allocated by a base station to a user equipment (UE); or

the sidelink resource is a resource selected by the UE from a sidelink resource pool.

8. A terminal device, comprising:

a determination module, configured to determine a target logical channel from one or more logical channels according to configuration indication information of a sidelink resource and attribute indication information corresponding to the one or more logical channels, wherein the configuration indication information is configured to indicate configuration characteristics of the sidelink resource, and the attribute indication information of each logical channel is configured to indicate whether data on the logical channel requires hybrid automatic repeat request (HARQ) feedback; and

a transmission module, configured to transmit data on the target logical channel using the sidelink resource,

wherein the configuration indication information is configured to indicate:

information about whether the sidelink resource is configured with a respective physical sidelink feedback channel (PSFCH) resource,

wherein in response to the configuration indication information indicating that the sidelink resource is configured with the respective PSFCH resource, the determination module is specifically configured to:

select a logical channel whose attribute indication information indicates requiring HARQ feedback or a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel,

wherein the determination module is specifically configured to:

in response to the logical channel whose attribute indication information indicates requiring HARQ feedback and the logical channel whose attribute indication information indicates requiring no HARQ feedback simultaneously existing among the one or more logical channels, and in response to a priority of the logical channel whose attribute indication information indicates requiring HARQ feedback being different from a priority of the logical channel whose attribute indication information indicates requiring no HARQ feedback, select the logical channel with a higher priority as the target logical channel.

9. The terminal device according to claim 8, wherein the terminal device further comprises:

a receiving module, configured to receive the configuration indication information sent by a lower layer.

10. The terminal device according to claim 8, wherein the terminal device further comprises:

a sending module, configured to send the attribute indication information of the target logical channel to a lower layer.

11. The terminal device according to claim 8, wherein in response to the configuration indication information indicating that the sidelink resource is not configured with the respective PSFCH resource, the determination module is specifically configured to:

select a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel.

12. The terminal device according to claim 8, wherein the determination module is further configured to:

in response to the information indicated by the configuration indication information satisfying a second condition, select a logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel.

13. The terminal device according to claim 12, wherein the second condition refers to the configuration indication information indicating that the type of data that the sidelink resource is able to carry is the type requiring HARQ feedback.

14. The terminal device according to any one of claims 8 to 13, wherein

the sidelink resource is a resource allocated by a base station to a user equipment (UE); or the sidelink resource is a resource selected by the UE from a sidelink resource pool.